



宁波市尤耐克工具有限公司

NINGBO UNITED TOOLS CO.,LTD.
UWELD TECHNOLOGIES CO.,LTD.

Head office: A501, Lishi Plaza, No.61 Huifeng (E) Road, Ningbo, 315192 China
Tel: 0086-574-88111800 88111801 88127201 88127203 88127205 88127207
Fax: 0086-574-88127209
E-mail: ut@nbunitedtools.com

NINGBO UNITED TOOLS CO., LTD.

CATALOG 2016

TRUST IS WHAT WE BELIEVE IN
QUALITY IS WHAT WE DELIVER



UWELD[®]

SANIPRO

MASTER
M O U N T

ABOUT US

NINGBO UNITED TOOLS CO., LTD was officially founded in the year of 2006 as a specialized manufacturer and exporter of professional gas welding & cutting torches, heating torches, pressure regulators, as well as accessories and spare parts in gas equipment industry. With the combination and support of four plants, whose manufacturing backgrounds can be traced back to the early 1970', we enjoy quite a reputation in the domestic market all over China and also international markets in over 50 countries mostly in North America, South America, Southeast Asia, and some European countries at the same time.

Due to the enormous expansion of the gas welding & cutting business, UWELD has realized the importance of innovation and creation. In the year of 2010, a new company named UWELD TECHNOLOGIES CO., LTD was founded. With its own excellent research&development team, fully trained technicians and well equipped precision machinery, UWELD has been approved as a brand with high quality and long service life.

Over the past decade, UWELD products have passed the ISO 9001 certification and the CE certification, tested by the world's most leading inspection companies SGS and IGS, meanwhile, the applying of the American UL product safety standard certification is in pending process.

UWELD will be constantly making great efforts to offer products with improving quality and satisfactory service, at the same time to become a qualified supplier of world's most prestigious gas equipment companies and UWELD its own a well recognized brand.



**GENERAL
MANAGER**

**R & D
Department**

Research
Division

Engineering
Design Division

**Marketing
Department**

Sales
Division

Publicity
Division

Shipping
Division

**Manufacturing
Department**

Production
Division

Technician
Engineering Division

Inspection
Division

Quality Control
Division

**Financial
Department**

Cashier
Division

Accounting
Division

**Central
Management
Department**

Human Resource
Division

Administration
Division

Public Relations
Division

UWELD team is consisted of research & development department,marketing department,manufacturing department,financial department and central management department. Every member of each division is making an effort everyday to make a difference by doing what they can contribute.

UWELD team aims to offering the products of the best quality we can supply, and constantly improving service to our respected customers. We have been striving for meeting the customers' requirements as well as expectations over the years, no matter it is of for OEM orders or it is of UWELD brand products. Though we have customers from countries all over the world with different cultural backgrounds and different religious beliefs, we answer every single question with patience and solve each problem that day to day work brings.

As we believe the key to a successful business relationship depends not only on products of good quality, but also on excellent understanding and fluent communication, UWELD team is looking forward to establishing a mutual-beneficial, long term business partnership with you.

Graham

APPLICATION FIELDS

The professional welding and cutting equipment that UWELD has to offer can mainly be classified into four product categories:

Oxyfuel cutting

Gas products mainly like gas regulator and gas cutting torches have been widely used with the gas combination of oxygen & acetylene / oxygen & propane in many fields.

Welding

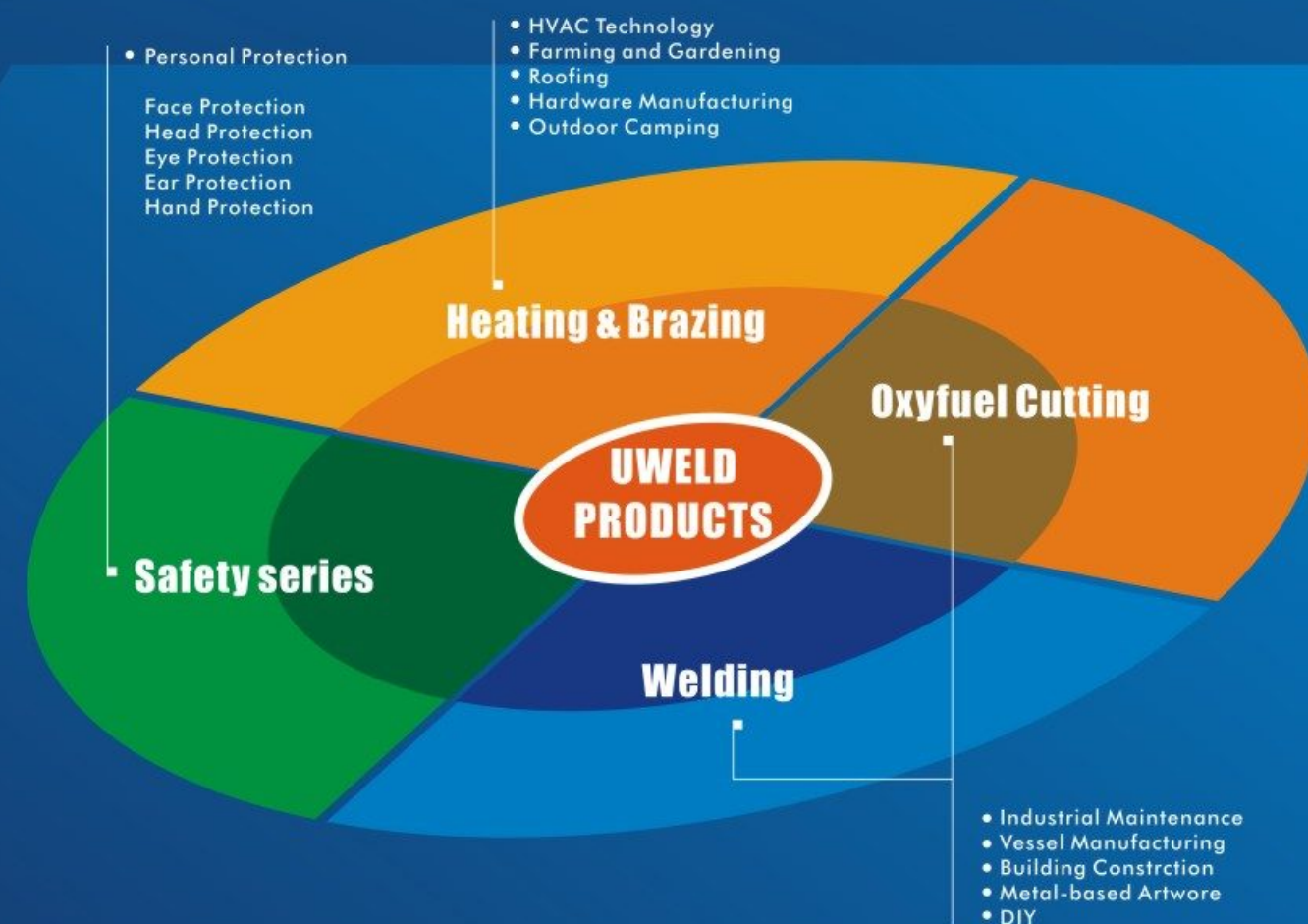
Electric welding machines and welding torches have the same function and are even more popular than the gas products. Both of the above two categories are commonly found in fields like building construction, industrial maintenance, vessel manufacturing, all kinds of metal-based artwork, and DIY.

Heating & Brazing

Heating torches and Brazing kits are overwhelmingly applied in HVAC technology, farming and gardening, roofing, hardware manufacturing, as well as outdoor camping.

Safety series

Protection will always be necessary during all these welding and cutting process. Safety products like welding goggles, automatic welding helmets, welding gloves are perfect for the welder's personal protection at work.



OXYFUEL CUTTING

HEATING & BRAZING

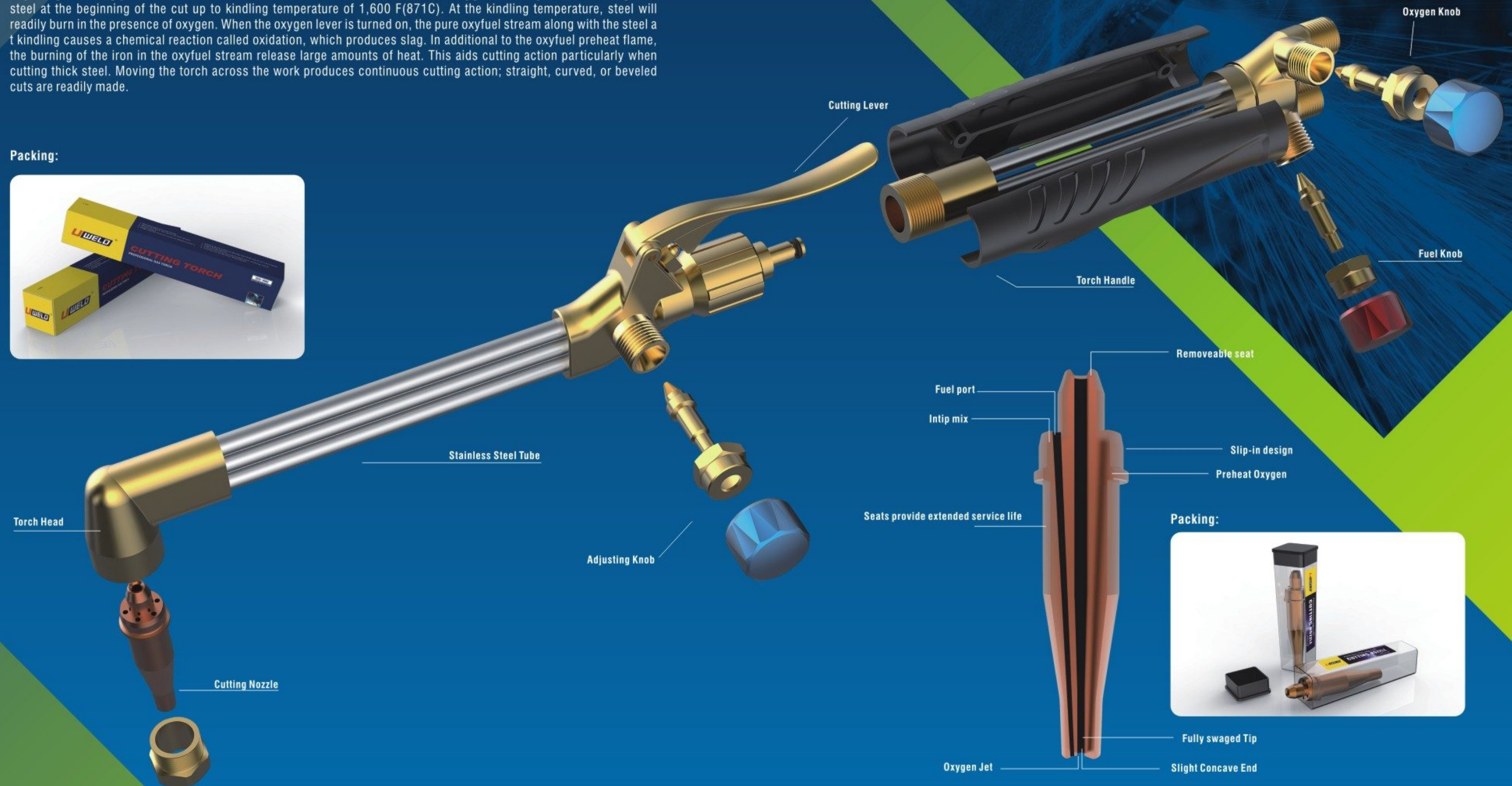
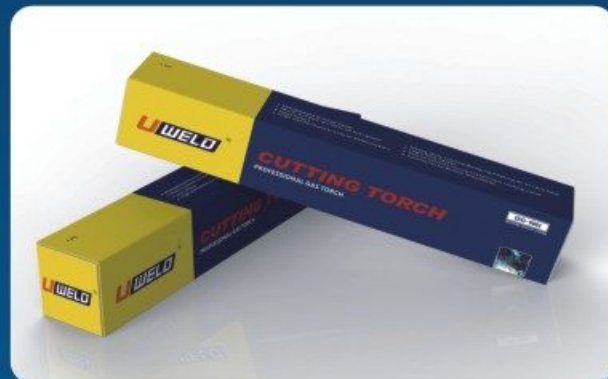
WELDING

SAFETY SERIES

Cutting Torch

Oxyfuel gas cutting process is a series of chemical reactions between iron and oxygen. The oxyfuel flame brings the steel at the beginning of the cut up to kindling temperature of 1,600 F(871C). At the kindling temperature, steel will readily burn in the presence of oxygen. When the oxygen lever is turned on, the pure oxyfuel stream along with the steel at kindling causes a chemical reaction called oxidation, which produces slag. In addition to the oxyfuel preheat flame, the burning of the iron in the oxyfuel stream release large amounts of heat. This aids cutting action particularly when cutting thick steel. Moving the torch across the work produces continuous cutting action; straight, curved, or beveled cuts are readily made.

Packing:



Packing:



Regulator

Due to the fact that the required working pressure during gas welding and gas cutting is comparatively lower than the pressure in both of the gas cylinders, thus gas regulators play an essential role in reducing the pressure from the cylinders, and ensuring the pressure maintain stable throughout the operation process. In short, a gas regulator is a device which regulate gas with high pressure into gas with low press, and maintain the stability of the outlet gas pressure. Gas regulators are generally divided into single stage regulator and double stage regulator.

Gas service

oxygen, acetylene, propane, argon, nitrogen, CO₂, helium, air, natural gas, etc.

Packing:



Adjusting Knob

Housing Cap

Safety

Pressure Gauge

Forged Brass Body

Outlet Nipple & Nut

Inlet Nut

Inlet Nipple

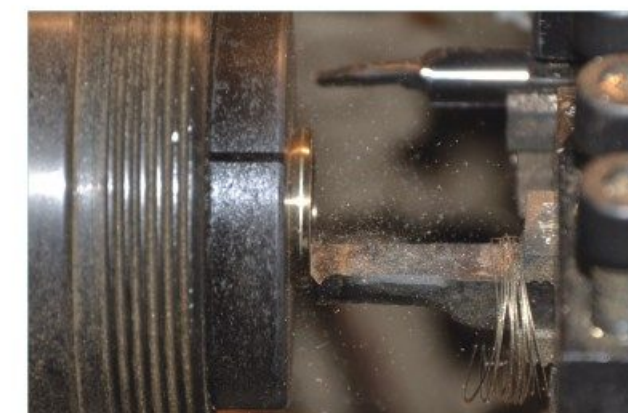
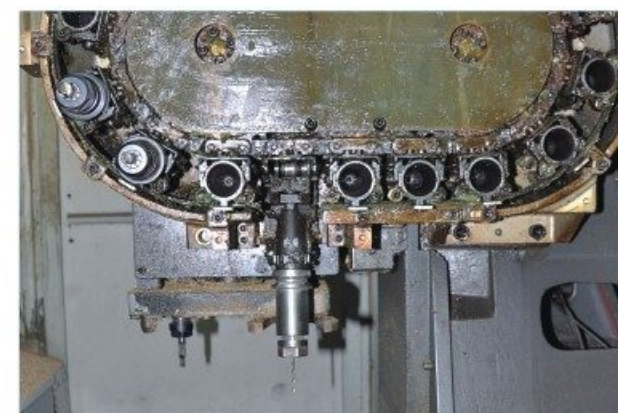
PROFESSIONAL QUALITY

UWELD believes that good products come from good production engineering. Our manufacturing division is equipped with more than 20 excellent technicians whose working experience being over 30 years. Also our plants are fully equipped with modern machinery such as: CNC lathe machine, laser cutting machine, laser printing machine, automated spray paint system, and accurate inspection devices. UWELD products have passed the ISO9001:2008 quality system as well as the European CE certification standard, both tested by the world's most leading inspection companies SGS and IGS.



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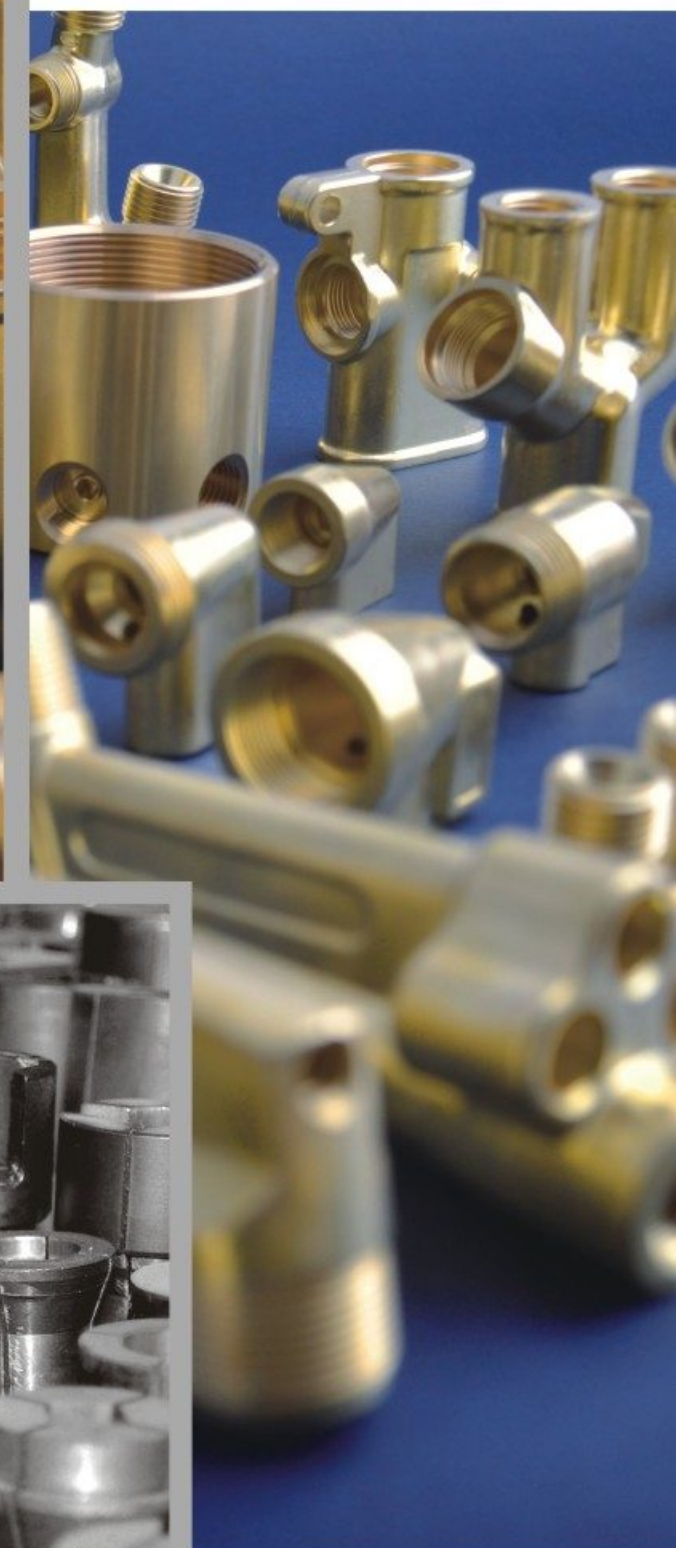
R & D TESTING CENTER



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UWELD[®]

FINE CRAFTWORK





Measuring Instrument





A welder in a dark protective suit and a red helmet is working in a workshop. They are using a torch to cut or weld a piece of metal. Sparks are visible. The background is a blue-tinted image of a workshop with various equipment.

**TRUST IS WHAT WE BELIEVE IN
QUALITY IS WHAT WE DELIVER**

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WARNING

All gas cutting & welding products should only be used by well-trained professional technicians. Using before read the operation manual. Misoperation of these products could cause serious injuries even death due to high pressure and hazardous gases.

UWELD reserves the right to change of any products design, materials, or specifications without notice.

UWELD suggests using regulators and torches together with flashback arrestors or check valves.



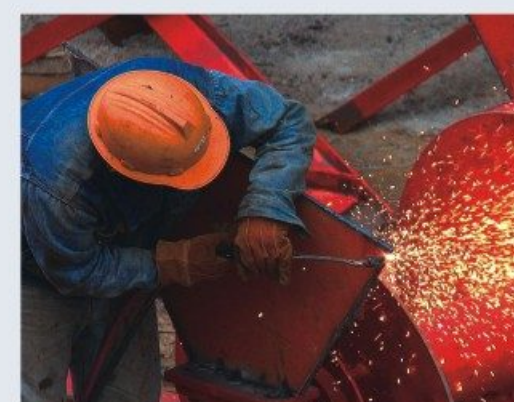
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PORTABLE WELDING CUTTING OUTFIT

Popular

Sturdy and durable

Easy to carry



Gas welding and cutting tools have been more and more widely applied in different fields of industries. UWELD is a specialized manufacturer and developer of professional gas welding and cutting equipment.

These whole series of welding and cutting equipment are widely used in all types of industries, application range varies from building construction to home use, welding/heating, DIY work, pretty much everywhere in daily life.

Regarding the different requirements for different welding environment, UWELD is offering different combinations of welding and cutting equipment for customers from all over the world.



FEATURES

- Contains all the quality equipment needed for cutting, welding and brazing in a rugged surrounding plastic carrying case.
- The outfit is designed to carry one 2L acetylene cylinder and one 4L oxygen cylinder.
- As supplied, the outfit can cut to 3/4" (19.1mm) and weld to 1/8" (3.2mm) with larger tips.
- According to different requirements, optional tip sizes are available.



1C016-0001 UW-1515

Including

01	Carry Tote	02	Cutting Attachment	03	Torch Handle
04	Cutting Nozzle	05	Oxygen Regulator	06	Acetylene Regulator
07	Oxygen Cylinder	08	Acetylene Cylinder	09	Twin Welding Hose



Applicable Gas	oxygen and acetylene
Application	medium-volume soldering
Capacity	Cutting up to 3/4" (19.1mm) plate Welding up to 1/8" (3.2mm) plate
Light duty regulator	forged full brass body with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	CGA540
Oxygen Outlet	9/16"-18
Acetylene Inlet	CGA200 "MC" tank
Acetylene Outlet	9/16"-18
Oxygen Cylinder	4L (20 CU.FT.) CGA540
Acetylene Cylinder	2L (10 CU.FT.) CGA200
Welding Tips	80V #1, #2
Cutting Tip	1-3-101

Accessories included



Goggles	5# green
Twin Hose	15' x 3/16" (4.5m x 4.8mm) with flame retardancy
Tote	red injection molded polypropylene carry case
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional

NOTE: All regulators, torch handle, cutting attachment, welding tips can be changed according to your required models. Check Valve & Propane Cylinder Available

FEATURES

- Contains all the quality equipment needed for cutting, welding and brazing in a rugged surrounding plastic carrying case.
- The outfit is designed to carry one 2L acetylene cylinder and one 4L oxygen cylinder.
- As supplied, the outfit can weld to 1/8"(3.2mm) with larger tips.
- According to different requirements, optional tip sizes are available.



1C016-0002 UW-1515-A

1C016-0002 UW-1515-A

FEATURES

- Contains all the quality equipment needed for cutting, welding and brazing in a rugged surrounding plastic carrying case.
- The outfit is designed to carry one 2L propane cylinder and one 4L oxygen cylinder.
- As supplied, the outfit can weld to 1/8"(3.2mm) with larger tips.
- According to different requirements, optional tip sizes are available.



1C016-0003 UW-1515-B



Applicable Gas	oxygen and acetylene
Application	medium-volume cutting and soldering
Capacity	welding up to 1/8" (3.2mm) plate
Light duty regulator	forged full brass body with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	CGA540
Oxygen Outlet	9/16"-18
Acetylene Inlet	CGA200 "MC" tank
Acetylene Outlet	9/16"-18
Oxygen Cylinder	4L(20 CU.FT.) CGA540
Acetylene Cylinder	2L(10 CU.FT.) CGA200
Welding Tips	80V #1,#2

Accessories included



Goggles	5# green
Twin Hose	15' x 3/16" (4.5m x 4.8mm) with flame retardancy
Tote	red injection molded polypropylene carry case
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional



Applicable Gas	oxygen and propane
Application	medium-volume cutting and soldering
Capacity	welding up to 1/8" (45mm) plate
Light duty regulator	forged full brass body with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	CGA540
Oxygen Outlet	9/16"-18
Propane Inlet	G3/4
Propane Outlet	M16 x 1.5
Oxygen Cylinder	4L(20 CU.FT.) CGA540
Propane Cylinder	2L(10 CU.FT.)
Welding Tips	5 pcs

Accessories included



Goggles	5# green
Twin Hose	15' x 3/16" (4.5m x 4.8mm) with flame retardancy
Tote	red injection molded polypropylene carry case
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional

FEATURES

- Contains all the quality equipment needed for cutting, welding and brazing in a rugged surrounding plastic carrying case.
- The outfit is designed to carry one 2L acetylene cylinder and one 4L oxygen cylinder.
- As supplied, the outfit can cut to 3/4" (19.1mm) and weld to 1/8" (3.2mm) with larger tips.
- According to different requirements, optional tip sizes are available.



1C016-0008 UW-1516

Cutting orifice reference chart

For all standard cutting tips except Series MTH high speed models

Cutting Tip Size



Orifice Diameter(Inches) (Orifice diameters shown actual size)

FEATURES

- Contains all the quality equipment needed for cutting, welding and brazing in a rugged surrounding plastic carrying case.
- The outfit is designed to carry one 2L acetylene cylinder and one 4L oxygen cylinder.
- As supplied, the outfit can weld to 1/8" (3.2mm) with larger tips.
- According to different requirements, optional tip sizes are available.



1C016-0009 UW-1516-A



Applicable Gas	oxygen and acetylene
Application	medium-volume soldering
Capacity	Cutting up to 3/4" (19.1mm) plate Welding up to 1/8" (3.2mm) plate
Light duty regulator	forged full brass body with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	CGA540
Oxygen Outlet	9/16"-18
Acetylene Inlet	CGA200 "MC" tank
Acetylene Outlet	9/16"-18
Oxygen Cylinder	4L(20 CU.FT.) CGA540
Acetylene Cylinder	2L(10 CU.FT.) CGA200
Welding Tips	80V #1,#2
Cutting Tip	1-3-101

Accessories included



Goggles	5# green
Twin Hose	15' x 3/16" (4.5m x 4.8mm) with flame retardancy
Tote	Green injection molded polypropylene carry case
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional

Check Valve & Propane Cylinder Available



Applicable Gas	oxygen and acetylene
Application	medium-volume cutting and soldering
Capacity	welding up to 1/8" (3.2mm) plate
Light duty regulator	forged full brass body with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	CGA540
Oxygen Outlet	9/16"-18
Acetylene Inlet	CGA200 "MC" tank
Acetylene Outlet	9/16"-18
Oxygen Cylinder	4L(20 CU.FT.) CGA540
Acetylene Cylinder	2L(10 CU.FT.) CGA200
Welding Tips	80V #1,#2

Accessories included



Goggles	5# green
Twin Hose	15' x 3/16" (4.5m x 4.8mm) with flame retardancy
Tote	Green injection molded polypropylene carry case
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional

Check Valve & Propane Cylinder Available

1Mpa=1000Kpa=10.197 Kgf/cm²=145.04psi, 1 m³/h=16.67 LPM=35.32 SCFH
NOTE: All regulators, torch handle, cutting attachment, welding tips can be changed according to your required models

NOTE: All regulators, torch handle, cutting attachment, welding tips can be changed according to your required models



1C016-0013 UW-1518-A
Portable Welding & Cutting Outfit

CYLINDER CART WELDING & CUTTING KIT

- Designed to handle oxygen cylinder and acetylene cylinder conveniently.
- Ergonomic handle design helps provide a more comfortable positioning of the hands for better control and maneuverability of the cart.
- Truck material : steel.
- Wheel type:rubber.
- This cart is idea for use in repair shops,garages or wherever casual welding requirement may apply.
- Frame lock for transportation safety.
- All regulators,torches, cutting attachments, weling tips can be changed into your required models.



1C016-0027

PORTABLE WELDING CUTTING KIT

- Contains all the quality equipment needed for cutting, welding and brazing in a durable steel trolley.
- The outfit is designed to carry one acetylene cylinder and one oxygen cylinder.
- As supplied, the outfit can cut to 6"(150mm) and weld to 3/8"(9mm) with larger tips.



Applicable Gas	oxygen and acetylene
Application	high-volume cutting and soldering
Capacity	welding up to 3/8" (9mm) plate cutting up to 6" (150mm) plate
Medium duty regulator	forged full brass body with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	CGA540
Oxygen Outlet	9/16"-18
Acetylene Inlet	CGA300 / CGA510
Acetylene Outlet	9/16"-18
Oxygen Cylinder	10L CGA540
Acetylene Cylinder	10L CGA300 / CGA510
Welding Tips	200V #1, #2
Cutting Tip	1-3-101

Accessories included



Accessories including

Goggles	5# green
Twin Hose	33' x 1/4" (10m x 6.4mm) with flame retardancy
Tote	tough,light steel trolley & shoulder bag
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional



Applicable Gas	oxygen and acetylene
Application	high-volume cutting and welding
Capacity	cutting up to 6" (150mm) plate welding up to 3/8" (9mm) plate
Medium duty regulator	forged full brass body with durability
Cutting torch	with 3 pipes
Oxygen Inlet	G5/8" RH
Oxygen Outlet	3/8"
Acetylene Inlet	G5/8" LH
Acetylene Outlet	3/8"
Flashback arrestors	188 type oxygen & acetylene for torch
Welding Tips w/ Mixer	#3, #5, #7
Cutting Tip	ANME #1, #2, #3

Accessories included

Goggles	5# green
Twin Hose	33' x 3/16" (10m x 6.4mm) with flame retardancy
Tote	tough,light steel trolley & shoulder bag
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional

PORTABLE WELDING CUTTING KIT

- Contains all the quality equipment needed for cutting, welding and brazing in a durable steel trolley.
- The outfit is designed to carry one acetylene cylinder and one oxygen cylinder.
- As supplied, the outfit can cut to 6" (150mm) and weld to 3/8" (9mm) with larger tips.



PORTABLE GAS BRAZING & WELDING KIT

This Turbo Set allows greater flexibility for brazing, welding and heating applications through a section of 5 different nozzles. Ideal for plumbing, air conditioning, refrigerator system repairs, automotive and maintenance use. This set is also widely used in DIY home workshops and on-site applications. The whole set is safe and easy to transport, compact and lightweighted.

Features:

- Uses disposable cylinders, no rental cost required.
- Flame temperature over 3000°C.
- Light weight design metal carry stand.
- Flashback arrestors built into regulators.
- Flashback arrestors built into torch handle.
- Oxygen regulators includes contents gauge.
- Fuel gas regulator includes pressure gauge.
- 2 metres twin hose set.



Applicable Gas	oxygen and acetylene
Application	high-volume cutting and soldering
Capacity	welding up to 3/8" (9mm) plate cutting up to 6" (150mm) plate
Medium duty regulator	forged full brass body with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	CGA540
Oxygen Outlet	9/16"-18
Acetylene Inlet	CGA300 / CGA510
Acetylene Outlet	9/16"-18
Oxygen Cylinder	10L CGA540
Acetylene Cylinder	10L CGA300 / CGA510
Welding Tips	200V #1, #2
Cutting Tip	1-3-101

Optional Accessories:



Accessories included

Goggles	5# green
Twin Hose	33' x 1/4" (10m x 6.4mm) with flame retardancy
Tote	tough, light steel trolley & shoulder bag
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional

Applicable Gas	oxygen and mapp gas
Application	high-volume brazing and welding
Capacity	welding up to 3/8" (9mm) plate cutting up to 6" (150mm) plate
Medium duty regulator	forged full brass body with durability
Oxygen Regulator	0~250 bar
Mapp Regulator	0~2.5 bar
Welding Nozzle	Nozzles*5 pcs

Accessories included

Goggles	5# green
Twin Hose	2m of separated hose
Tote	tough, light steel trolley & shoulder bag
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional

1Mpa=1000Kpa=10.197 Kgf/cm²=145.04psi, 1 m³/h=16.67 LPM=35.32 SCFH
NOTE: All regulators, torch handle, cutting attachment, welding tips can be changed according to your required models

Check Valve & Propane Cylinder Available

NOTE: All regulators, torch handle, cutting attachment, welding tips can be changed according to your required models

Check Valve & Propane Cylinder Available

Proudly designed and developed by UWELD R&D division.
The newly developed fully injection tool case is manufactured with highly impact Polyethylene and sophisticated craftwork to render maximum client satisfaction. With different insert designs and colors, this tool case is ideal for various models of heavy/medium duty welding and cutting equipment as per request. The drawer within the cover is nicely finished with extra internal support, bearing the pressure from both sides. Extra thickness around the edges ensures complete protection during transportation as well as in demanding working environment. Four stainless steel lock catches make sure the whole case is perfectly sealed, offering full protection for the items included. The unique robust structure on the front cover presents an outstanding look and added durability, OEM service available.

Extra thickness around the edges ensures complete protection.

Four stainless steel lock catches make sure the whole case is perfectly sealed.

The drawer within the cover is nicely finished with extra internal support, bearing the pressure from both sides.

The unique robust structure on the front cover presents an outstanding look and added durability, OEM service available.

HEAVY DUTY
WELDING & CUTTING
OUTFIT



1C016-0045 UW-1503

Accessories included

Goggles	5# green
Twin Hose	15' x 3/16" (4.5m x 4.8mm) with flame retardancy
Tote	black injection molded polypropylene tool box
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional

Features

Applicable Gas	oxygen and acetylene
Application	high-volume cutting and welding
Capacity	welding up to 1/2" (12.7mm) plate cutting up to 8" (200mm) plate
Heavy duty regulator	screw type with forged full brass body
Torch handle	brass body with stainless steel needle valves
Oxygen Regulator	CGA540 inlet, 9/16"-18 outlet
Acetylene Regulaot	CGA510 inlet, 9/16"-18 outlet
Torch handle	315FC
Cutting Attachment	2460
Welding Tips	#1, #3, #5
Cutting Tip	1-101 #1
Heating Tip	MFA-1 #8

Wanna have your **OWN EXCLUSIVE** welding & cutting kit ?

Come to **UWELD !**

YOU MAKE A LIST , WE DELIVER A KIT AND MORE ...



HEAVY DUTY WELDING & CUTTING OUTFIT

1C016-0101

NM-250 Model is principally intended for general workshop cutting up to 300mm (12") capacity. The balance and trim combined with 480mm (18") length make it ideally suited for most industrial applications.

- Designed for oxy/fuel gas cutting of steel up to 300mm(12") thickness using oxygen with either acetylene or propane as a fuel gas.
- For use with ANME (acetylene) or PNME (propane) cutting nozzles.
- 3/8"BSP hose connection
- Gas type: Acetylene or propane
- Length: 480mm
- Head angle: 90 degrees

Acetylene Inlet	G5/8"-LH
Acetylene Outlet	G3/8"
Oxygen Inlet	G5/8"-RH
Oxygen Outlet	G3/8"



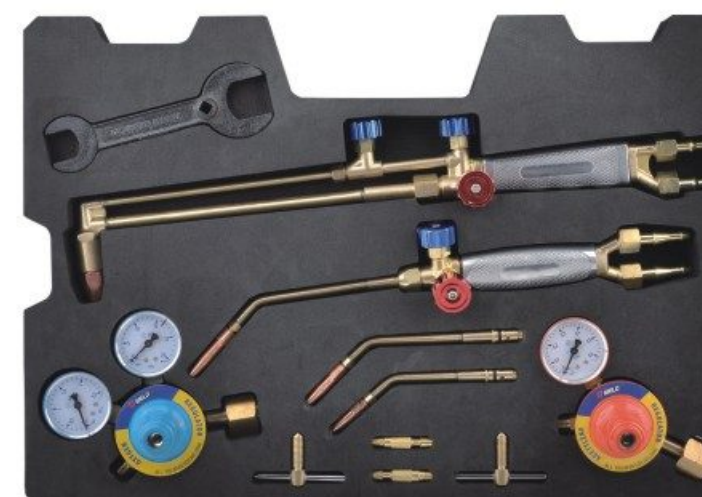
1C016-0102



1C016-0103

Capacity: cutting up to 100mm (4").
Welding up from 0.5mm to 6.0mm
Unique cutting oxygen flow valve creates a progressive piercing and the smoothest cutting conditions.
Die forged brass head for added strength and durability.
Hose connection M16*1.5

Oxygen Inlet	G3/4
Oxygen Outlet	M16*1.5
Propane Inlet	G7/8
Propane Outlet	M16*1.5



The newly developed fully injection tool case is manufactured with highly impact Polyethylene and sophisticated craftwork to render maximum client satisfaction. With different insert designs and colors, this tool case is ideal for various models of heavy/medium duty welding and cutting equipment as per request. Extra thickness around the edges ensure completely protection during transportation as well as in demanding working environment. The unique robust structure on the front cover presents an outstanding look and added durability, OEM service available.



MEDIUM DUTY
WELDING & CUTTING
OUTFIT



1C016-0046 UW-1504

H-501 Welding&Cutting Kit.

Features	
Applicable Gas	oxygen and acetylene
Application	high-volume cutting and welding
Capacity	welding up to 3/8" (9mm) plate cutting up to 6" (150mm) plate
Heavy duty regulator	forged full brass body with durability forged brass body, steel cap with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	CGA540 connection
Oxygen Outlet	9/16"-18
Acetylene Inlet	CGA510 connection
Acetylene Outlet	9/16"-18
Welding Tips	#1, #3, #5
Cutting Tip	6290 #2

Accessories included	
Goggles	5# green
Twin Hose	15' x 3/16" (4.5m x 4.8mm) with flame retardancy
Tote	grey injection molded polypropylene tool box
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional



1C016-0044 UW-1502-A

H-502 Welding&Cutting Kit.

Features	
Applicable Gas	oxygen and acetylene
Application	high-volume cutting and welding
Capacity	welding up to 3/8" (9mm) plate cutting up to 6" (150mm) plate
Heavy duty regulator	forged full brass body with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	CGA540 connection
Oxygen Outlet	9/16"-18
Acetylene Inlet	CGA510 connection
Acetylene Outlet	9/16"-18
Welding Tips	#1, #3, #5
Cutting Tip	6290 #2

Accessories included	
Goggles	5# green
Twin Hose	15' x 3/16" (4.5m x 4.8mm) with flame retardancy
Tote	blue injection molded polypropylene tool box
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional

**EXCLUSIVE
OUTFIT**

Wanna have your **OWN EXCLUSIVE** welding & cutting kit ?

Come to **UWELD**
YOU MAKE A LIST , WE DELIVER A KIT AND MORE ...
**MEDIUM DUTY
WELDING & CUTTING
OUTFIT**

1C016-0104

It is a tried and tested blowpipe designed for lightweight production welding and maintenance.

It is a complete welding and cutting blowpipe of proven design.

Feature:

- Exceptionally comfortable in use.
- High integrity trim valves.
- Light and positive, ideal for high quality welding.
- Precision engineered mixer for precise gas control.
- All positional facility for nozzles through the serrated connection teeth.
- Parallel tubes for increased visibility when in use.
- High tensile brass head for extended service life.
- Piston cutting oxygen valve provides smooth cutting action.

Cuts up to 50mm plate

Welds up to 8mm plate


1C016-0105

It is a tried and tested blowpipe designed for lightweight production welding and maintenance.

It is a complete welding and cutting blowpipe of proven design.

Feature:

- Exceptionally comfortable in use.
- High integrity trim valves.
- Light and positive, ideal for high quality welding.
- Precision engineered mixer for precise gas control.
- All positional facility for nozzles through the serrated connection teeth.
- Parallel tubes for increased visibility when in use.
- High tensile brass head for extended service life.
- Piston cutting oxygen valve provides smooth cutting action.

Cuts up to 50mm plate

Welds up to 8mm plate



1C016-0043 UW-1501
H-501 Welding & Cutting Kit.

Features	
Applicable Gas	oxygen and acetylene
Application	high-volume cutting and welding
Capacity	welding up to 3/8" (9mm) plate cutting up to 6" (150mm) plate
Heavy duty regulator	forged full brass body with durability forged brass body, steel cap with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	CGA540 connection
Oxygen Outlet	9/16"-18
Acetylene Inlet	CGA510 connection
Acetylene Outlet	9/16"-18
Welding Tips	#1, #3, #5
Cutting Tip	6290 #2
Accessories included	
Goggles	5# green
Twin Hose	15' x 3/16" (4.5m x 4.8mm) with flame retardancy
Tote	grey injection molded polypropylene tool box
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional



1C016-0106
Heavy Duty Welding & Cutting Outfit

Features	
Applicable Gas	oxygen and acetylene
Application	high-volume cutting and welding
Capacity	welding up to 3/8" (9mm) plate cutting up to 6" (150mm) plate
Heavy duty regulator	forged full brass body with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	CGA540
Oxygen Outlet	9/16"-18
Acetylene Inlet	CGA510
Acetylene Outlet	9/16"-18
Welding Tips	#1, #3, #5
Cutting Tip	6290 #2
Accessories included	
Goggles	5# green
Twin Hose	20' x 3/16" (6m x 4.8mm) with flame retardancy
Tote	green injection molded polypropylene tool box
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional



1C016-0044 UW-1502
H-502 Welding & Cutting Kit.

Features	
Applicable Gas	oxygen and acetylene
Application	high-volume cutting and welding
Capacity	welding up to 3/8" (9mm) plate cutting up to 6" (150mm) plate
Heavy duty regulator	forged full brass body with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	CGA540 connection
Oxygen Outlet	9/16"-18
Acetylene Inlet	CGA510 connection
Acetylene Outlet	9/16"-18
Welding Tips	#1, #3, #5
Cutting Tip	6290 #2
Accessories included	
Goggles	5# green
Twin Hose	15' x 3/16" (4.5m x 4.8mm) with flame retardancy
Tote	blue injection molded polypropylene tool box
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional



1C016-0050 UW-1507
Medium Duty Welding & Cutting Outfit

Applications:
Capable of cutting from 3mm up to 100mm.

Features	
Applicable Gas	oxygen and acetylene
Application	high-volume cutting and welding
Capacity	cutting up to 6" (150mm) plate
Torch handle	with down lever
Nut fittings	9/16"-18
Cutting Tip	6290 #1 #2 #3
Accessories included	
Circle Cutting Attachment	brass and stainless steel
Tote	injection molded polypropylene tool box
Tip Cleaner	13 sizes



1C016-0036

Heavy Duty Welding & Cutting Outfit

Features	
Applicable Gas	oxygen and acetylene
Application	high-volume cutting and welding
Capacity	welding up to 1/8" (3.2mm) plate cutting up to 3/4" (19.1mm) plate
Heavy duty regulator	forged full brass body with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	CGA540
Oxygen Outlet	9/16"-18
Acetylene Inlet	CGA510
Acetylene Outlet	9/16"-18
Welding Tips	200V #1
Cutting Tip	1-101 #1

Accessories included	
Goggles	5# green
Twin Hose	25' x 1/4" (7.5m x 6.4mm) with flame retardancy
Tote	grey tough, light tool carry box
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional



1C016-0040 UW-1519

It is a versatile and complete torch system, with cutting attachments for injector or pressure principle, and with round or oval shank, for all medium and heavy duty cutting, welding, and heating jobs.

- Welding thicknesses up to 14 mm .
- Cutting in carbon steel in thicknesses up to 500 mm, circle cutting, hole cutting, bevel cutting, and rivet washing .
- Braze welding, Brazing, Heating, bending, and straightening, Gouging, Flame cleaning, Flame straightening.

Features	
Applicable Gas	oxygen and acetylene
Application	high-volume cutting and welding
Capacity	welding up to 14mm cutting up to 500mm
Cutting Tips	ANME 1/32 1/16 (other sizes available)
Welding Nozzle	4# 5# 6# (other sizes available)
Box	Plastic or iron box



1C016-0039

Heavy Duty Welding & Cutting Outfit

Features	
Applicable Gas	oxygen and acetylene
Application	high-volume cutting and welding
Capacity	welding up to 3/8" (9mm) plate cutting up to 6" (150mm) plate
Heavy duty regulator	forged full brass body with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	CGA540
Oxygen Outlet	9/16"-18
Acetylene Inlet	CGA510
Acetylene Outlet	9/16"-18
Welding Tips	#1, #3, #5
Cutting Tip	6290 #2

Accessories included	
Goggles	5# green
Twin Hose	20' x 3/16" (6m x 4.8mm) with flame retardancy
Tote	shoulder bag
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional



1C016-0042

Medium Duty Welding & Cutting Outfit

Features	
Applicable Gas	oxygen and acetylene
Application	high-volume cutting and welding
Capacity	welding up to 3/8" (9mm) plate cutting up to 6" (150mm) plate
Medium duty regulator	forged full brass body with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	5/8" connection
Oxygen Outlet	3/8" connection
Acetylene Inlet	5/8" connection
Acetylene Outlet	3/8" connection
Welding Tips w/ Mixer	#3, #5, #7
Cutting Tip	ANME #1

Accessories included	
Goggles	5# green
Twin Hose	15' x 3/16" (4.5m x 4.8mm) with flame retardancy
Tote	black injection molded polypropylene tool box
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional



1C016-0031
Heavy Duty Welding & Cutting Outfit

Features	
Applicable Gas	oxygen and acetylene
Application	high-volume cutting and welding
Capacity	welding up to 3/8" (9mm) plate cutting up to 6" (150mm) plate
Heavy duty regulator	forged full brass body with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	CGA540
Oxygen Outlet	9/16"-18
Acetylene Inlet	CGA510
Acetylene Outlet	9/16"-18
Flashback arrestors	288 type oxygen & acetylene for regulators
Welding Tips w/ Mixer	#3
Cutting Tip	6290 #2

Accessories included	
Goggles	5# green
Twin Hose	20' x 3/16" (6m x 6.4mm) with flame retardancy
Tote	black tough,light tool carry box
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional



1C016-0035
Heavy Duty Welding & Cutting Outfit

Features	
Applicable Gas	oxygen and acetylene
Application	high-volume cutting and welding
Capacity	welding up to 1/8" (3.2mm) plate cutting up to 3/4" (19.1mm) plate
Heavy duty regulator	forged full brass body with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	CGA540
Oxygen Outlet	9/16"-18
Acetylene Inlet	CGA510
Acetylene Outlet	9/16"-18
Welding Tips	200V #1
Cutting Tip	1-101 #1
Heating Tip	MFA-1 #6

Accessories included	
Goggles	5# green
Twin Hose	25' x 1/4" (7.5m x 6.4mm) with flame retardancy
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional



1C016-0057

Features	
Applicable Gas	oxygen and acetylene
Application	medium-volume cutting and welding
Capacity	welding up to 3/8" (9mm) steel cutting up to 6" (150mm) steel
Medium duty regulator	forged full brass body with durability
Torch handle	light duty 50 torch handle
Cutting Attachment	CA100 type
Oxygen Inlet	CGA540 connection
Oxygen Outlet	9/16"-18
Acetylene Inlet	CGA510 connection
Acetylene Outlet	9/16"-18
Welding Tips	MFA type #1, #3, #5
Cutting Tip	1-101 #1

Accessories included	
Goggles	5# green
Twin Hose	25' x 1/4" (7.5m x 6.4mm) with flame retardancy
Tote	tough,light tool carry box
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional



1C016-0037
Heavy Duty Welding & Cutting Outfit

Features	
Applicable Gas	oxygen and acetylene
Application	high-volume cutting and welding
Capacity	welding up to 1/8" (3.2mm) plate cutting up to 3/4" (19.1mm) plate
Heavy duty regulator	forged full brass body with durability
Torch handle	stainless steel needle valves with accuracy
Oxygen Inlet	CGA540
Oxygen Outlet	9/16"-18
Acetylene Inlet	CGA510
Acetylene Outlet	9/16"-18
Welding Tips	200V #2, #3
Cutting Tip	1-101 #1
Heating Tip	MFA-1 #8

Accessories included	
Goggles	5# green
Twin Hose	25' x 1/4" (7.5m x 6.4mm) with flame retardancy
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional

1C016-0052 UW-1509

Heavy Duty Welding & Cutting Kit.



Features	
Applicable Gas	oxygen and acetylene
Application	high-volume cutting and welding
Capacity	welding up to 3/8" (9mm) steel cutting up to 6" (150mm) steel
Heavy duty regulator	with stainless steel diaphragm for durability
Torch handle	315FC type
Cutting Attachment	CA200 type
Oxygen Inlet	CGA540 connection
Oxygen Outlet	9/16"-18
Acetylene Inlet	CGA510 connection
Acetylene Outlet	9/16"-18
Brazing Tips	MFA type #1, #3, #5
Heating Tip	CP heating tip
Cutting Tip	1-101 #1

Accessories included	
Goggles	5# green
Twin Hose	25' x 1/4" (7.5m x 6.4mm) with flame retardancy
Tote	tough, light tool carry box
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	multi functional

1C016-0058

Features	
Applicable Gas	oxygen and acetylene
Application	high-volume cutting and welding
Capacity	welding up to 1" (25mm) plate cutting up to 11.8" (300mm) plate
Medium duty regulator	forged brass body with durability
Torch handle	blowpipe type
Oxygen Inlet	G5/8" RH
Oxygen Outlet	3/8"
Acetylene Inlet	G5/8" LH
Acetylene Outlet	3/8"
Welding Tips w/ Mixer	#8, #12
Cutting Tip	41 type #12 #15

Accessories included	
Goggles	5# green
Twin Hose	25' x 1/4" (7.5m x 6.4mm) with flame retardancy
Tote	tough, light tool carry box
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	combination type



1C016-0074

Features	
Applicable Gas	oxygen and acetylene
Application	high-volume cutting and welding
Capacity	welding up to 3/8" (9mm) plate cutting up to 6" (150mm) plate
Medium duty regulator	forged brass body with durability
Torch handle	blowpipe type
Oxygen Inlet	G5/8" RH
Oxygen Outlet	3/8"
Acetylene Inlet	G5/8" LH
Acetylene Outlet	3/8"
Brazing Tips	#8, #12
Welding Tip	#8, #12
Cutting Tip	41 type #8 #12 #15
Mixer Assembly	suitable for Australia torch handle

Accessories included	
Goggles	5# green
Twin Hose	25' x 1/4" (7.5m x 6.4mm) with flame retardancy
Tote	tough, light tool carry box
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	combination type

1C016-0072

Features	
Applicable Gas	oxygen and LPG
Application	high-volume cutting and welding
Capacity	welding up to 3/8" (9mm) plate cutting up to 6" (150mm) plate
Medium duty regulator	forged brass body with durability
Torch handle	blowpipe type
Oxygen Inlet	G5/8" RH
Oxygen Outlet	3/8"
Acetylene Inlet	G5/8" LH
Acetylene Outlet	3/8"
Brazing Tips	#8, #12
Welding Tip	#8, #12
Cutting Tip	41 type #8 #12 #15
Mixer Assembly	suitable for Australia torch handle

Accessories included	
Goggles	5# green
Twin Hose	25' x 1/4" (7.5m x 6.4mm) with flame retardancy
Tote	tough, light tool carry box
Lighter	single flint
Tip Cleaner	80mm / 100mm
Wrench	combination type



WELDING & CUTTING TORCH

HIGH EFFICIENCY

DURABILITY



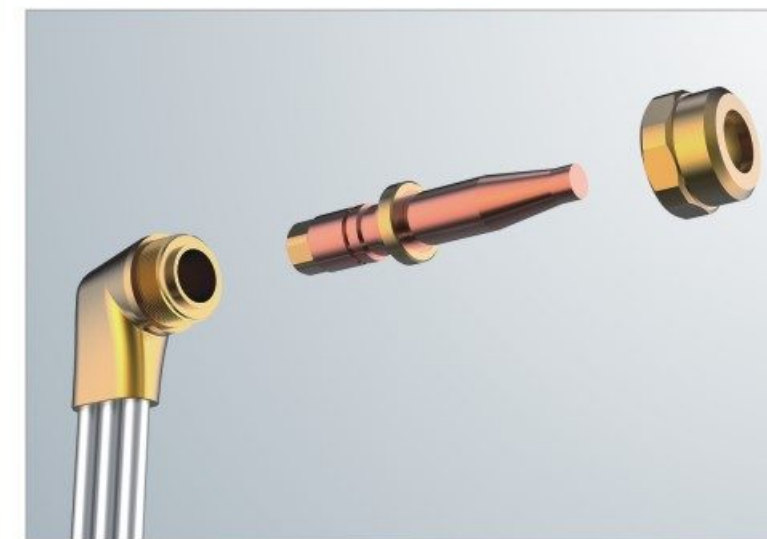
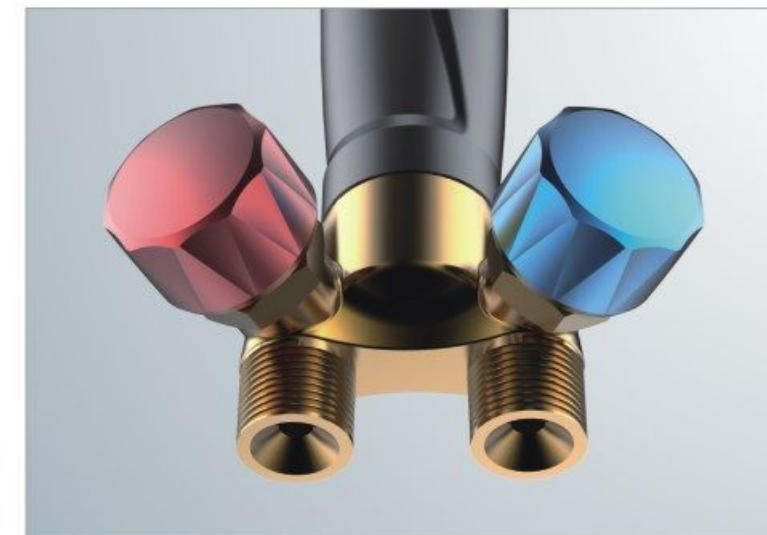
Oxyfuel gas cutting process is a series of chemical reactions between iron and oxygen. The oxyfuel flame brings the steel at the beginning of the cut up to kindling temperature of 1,600 F(871C). At the kindling temperature, steel will readily burn in the presence of oxygen. When the oxygen lever is turned on, the pure oxyfuel stream along with the steel at kindling causes a chemical reaction called oxidation, which produces slag. In addition to the oxyfuel preheat flame, the burning of the iron in the oxyfuel stream release large amounts of heat. This aids cutting action particularly when cutting thick steel. Moving the torch across the work produces continuous cutting action; straight, curved, or beveled cuts are readily made.



Warning:

To lower the possibility of personal injury, death and/or property damage, UWELD suggests the use of cheek valves or flashback arrestors to torches and regulators during operation process.

WELDING CUTTING TORCH



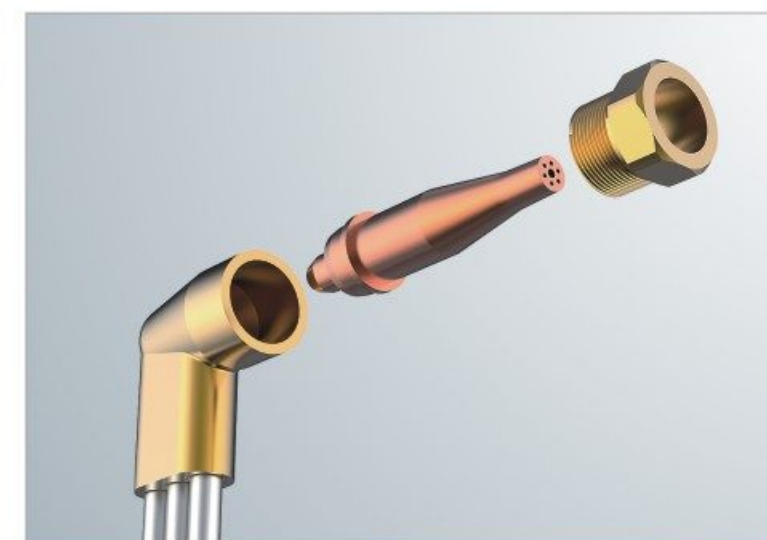
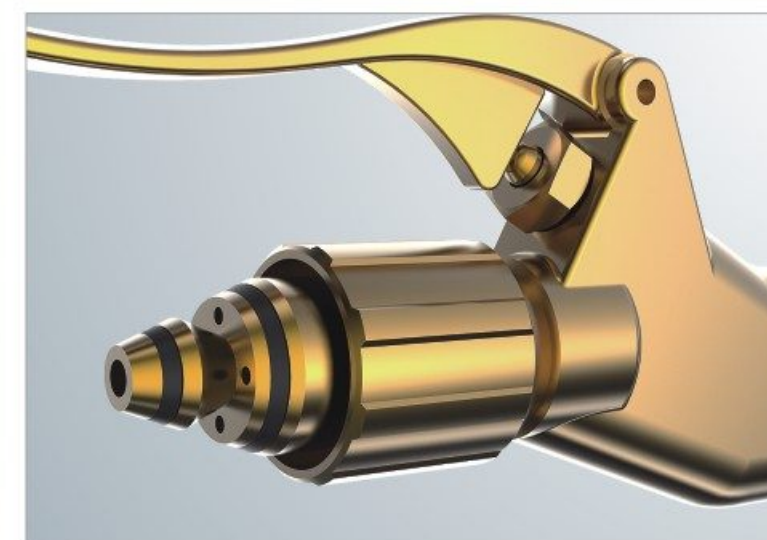
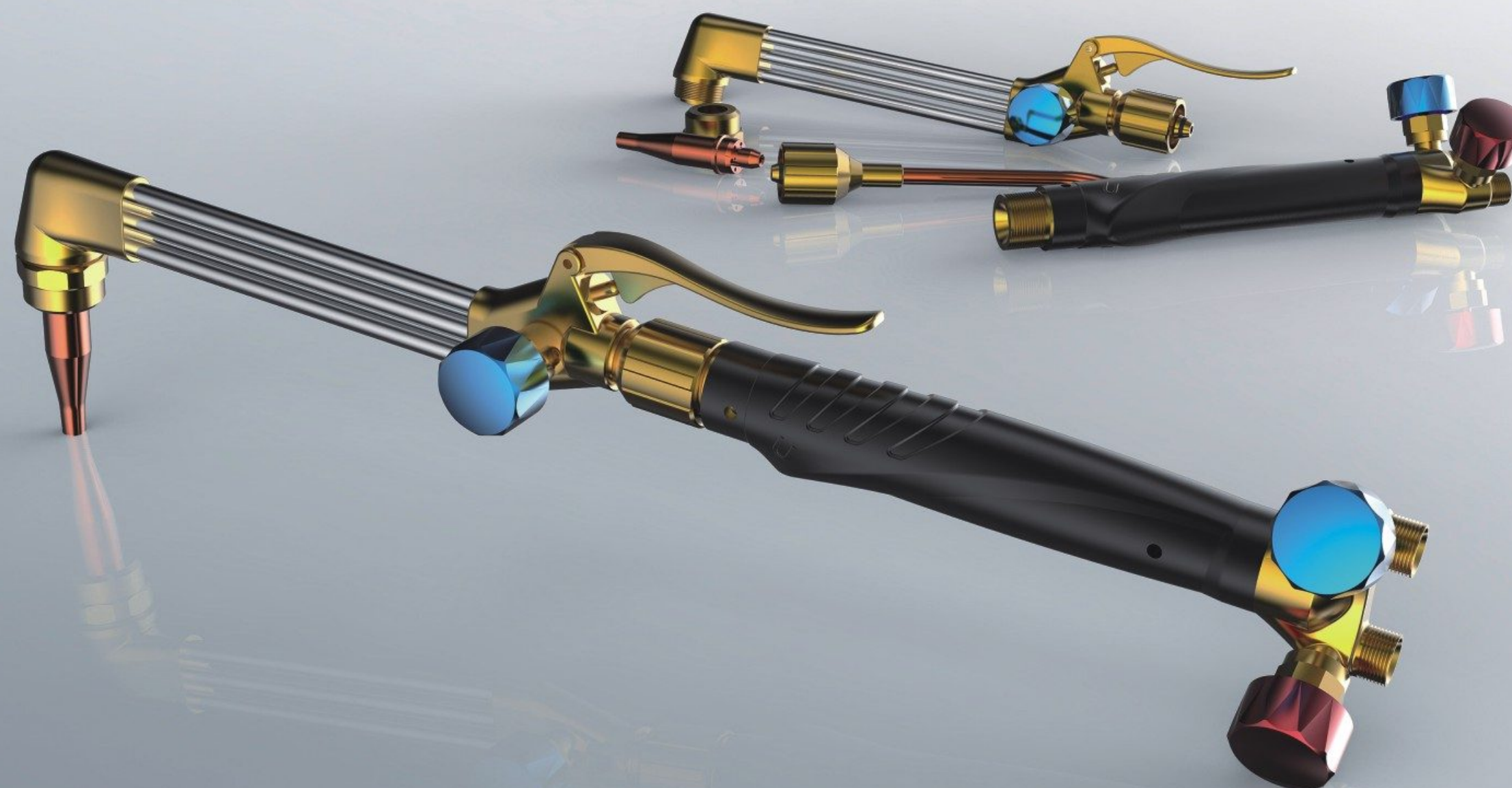
/ DURABLE / EFFICIENT /



UWELD[®]

Capacity: cutting from 1/8" (3.2 mm) to 8" (203.3 mm).
Die-forged brass head for maximum durability.
Stainless steel tubes with strength and rigidity.
Universal gas mixer gives top performance with any fuel gas.
Ribbed brass handle for sure grip & operator comfort.
Oxygen and acetylene adjusting knobs with easily recognized colors on one side and the bottom of the torch body for overall control.
With the changing of the nozzle nut, this newly developed cutting torch is applicable for 6 series of cutting nozzles.
Hose connection 9/16"-18, and other thread sizes available.

WELDING CUTTING TORCH



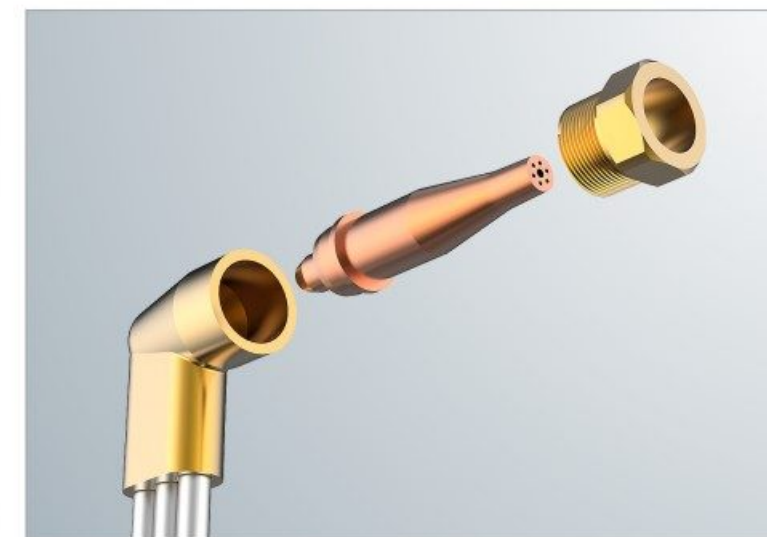
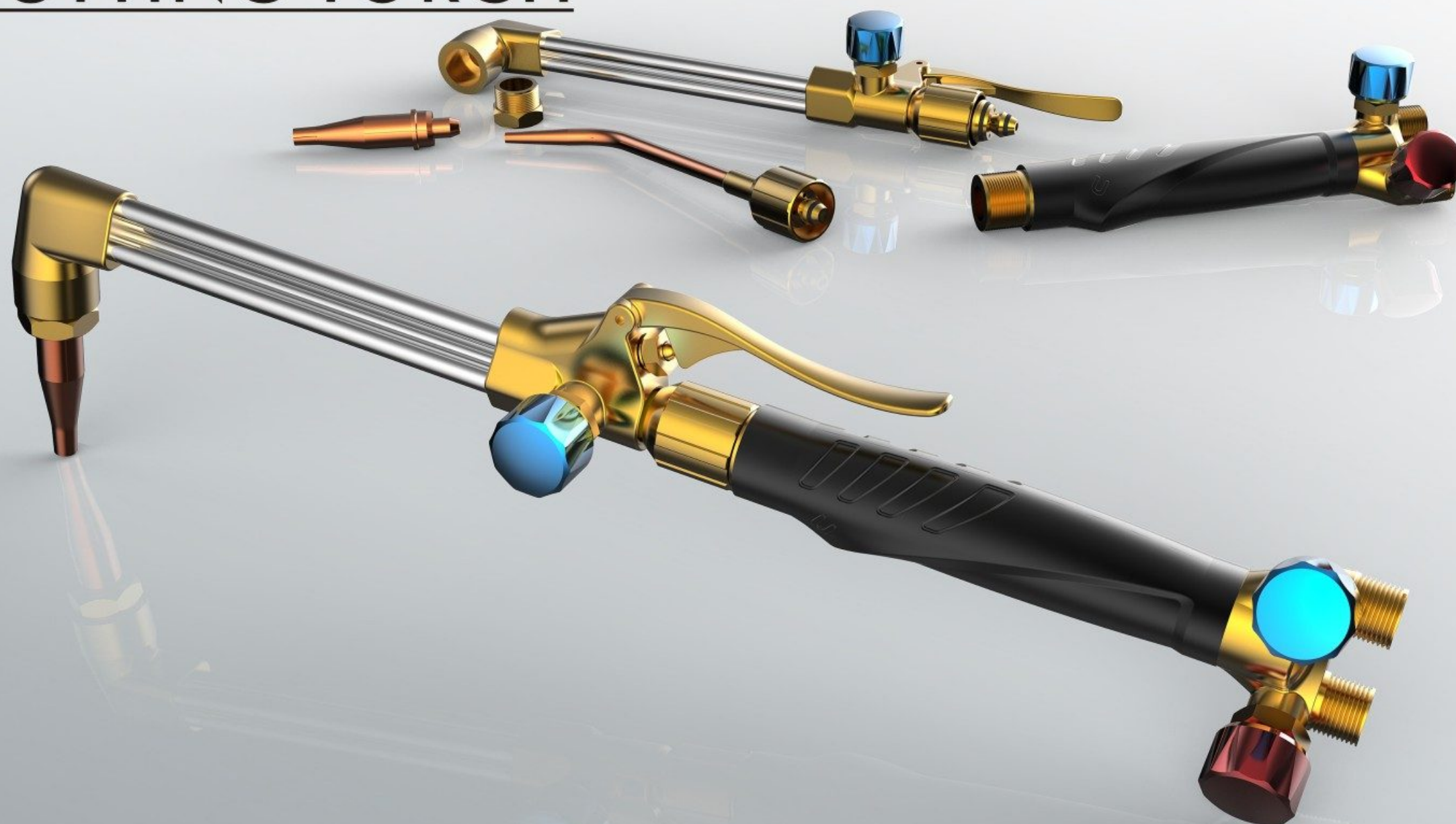
/ DURABLE / EFFICIENT /



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Hose connection 9/16"-18, and other thread sizes available.

WELDING CUTTING TORCH

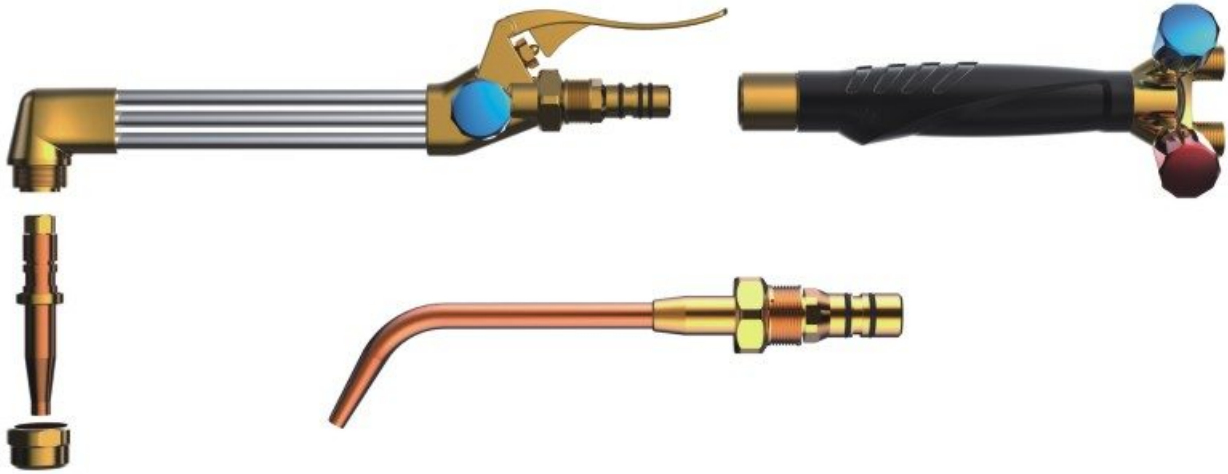
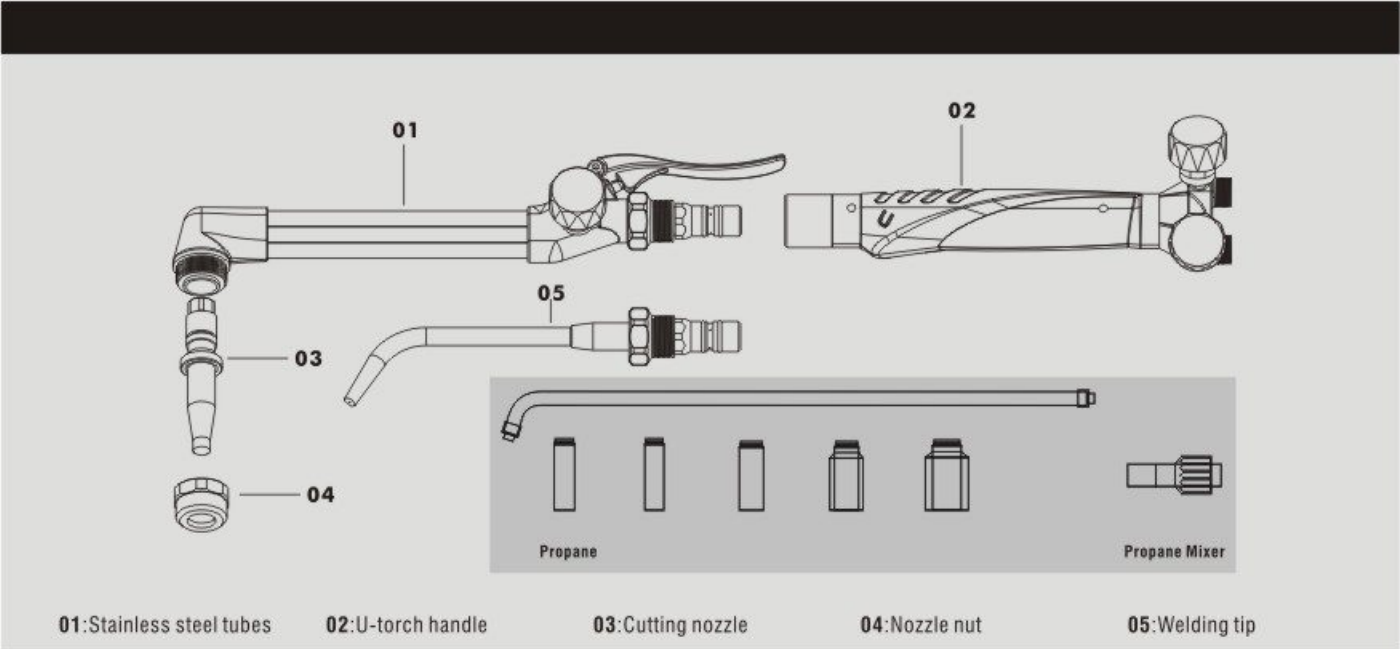


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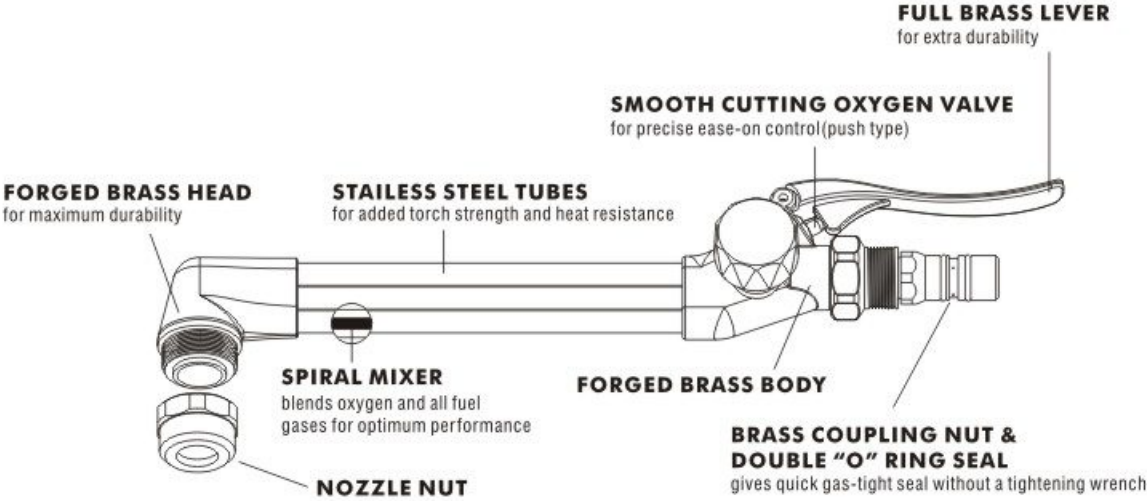
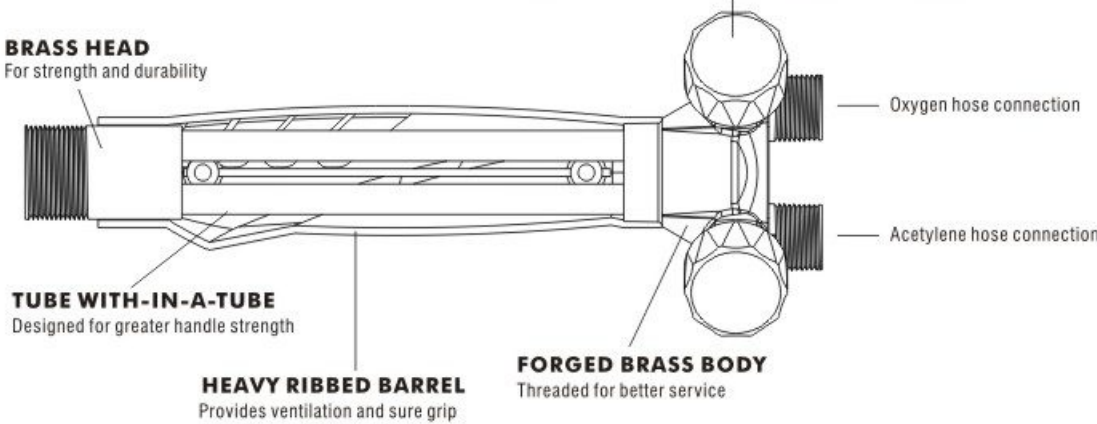
UWELD[®]

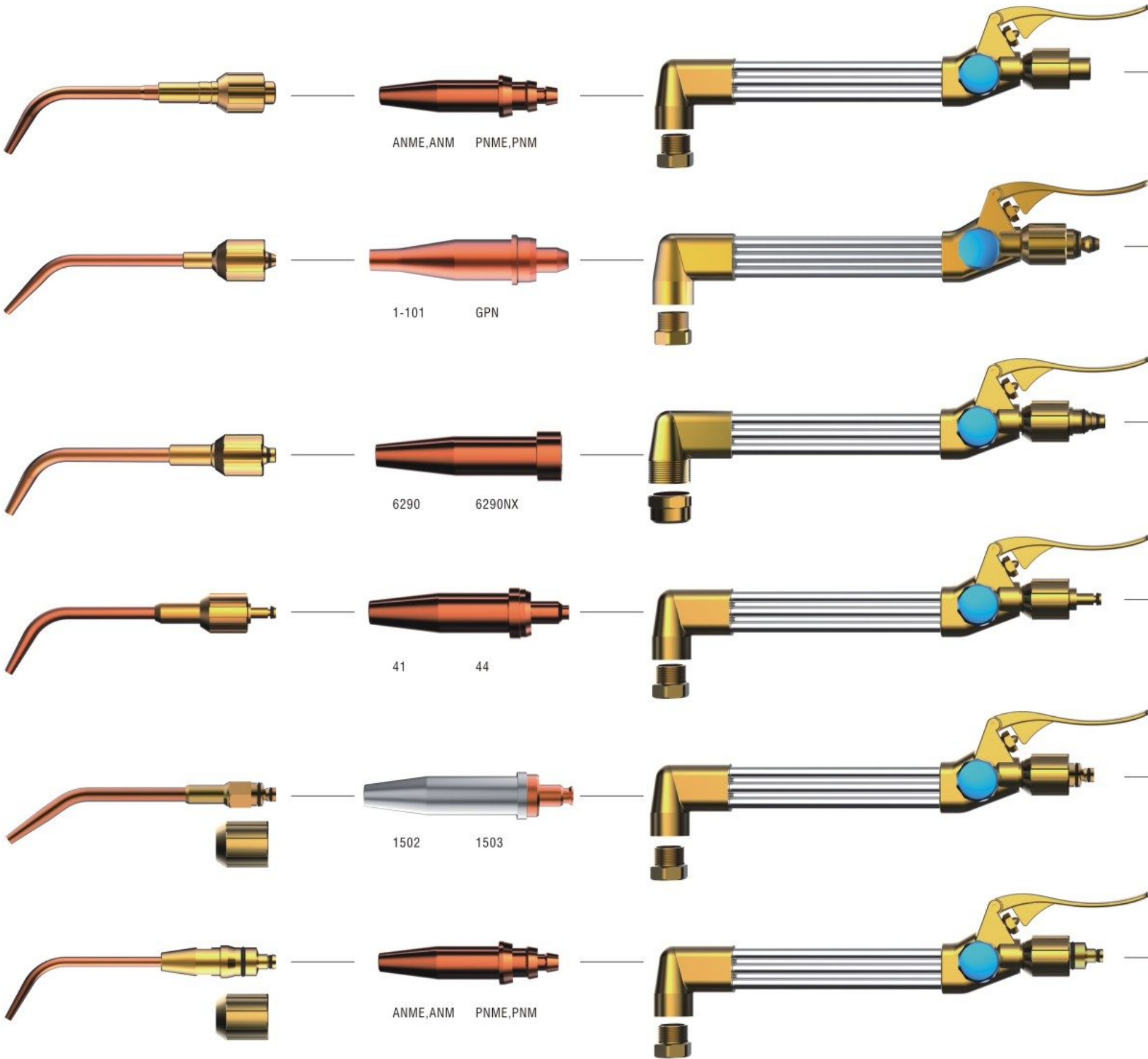
Capacity: cutting from 1/8" (3.2 mm) to 8" (203.3 mm).
Die-forged brass head for maximum durability.
Stainless steel tubes with strength and rigidity.
Universal gas mixer gives top performance with any fuel gas.
Ribbed brass handle for sure grip & operator comfort.
Oxygen and acetylene adjusting knobs with easily recognized colors on one side and the bottom of the torch body for overall control.
With the changing of the nozzle nut, this newly developed cutting torch is applicable for 6 series of cutting nozzles.
Hose connection 9/16"-18, and other thread sizes available.



UWELD Universal Gas Cutting Torch

STAINLESS STEEL NEEDLE VALVE ASSEMBLY





ZEUS

1C005-0128

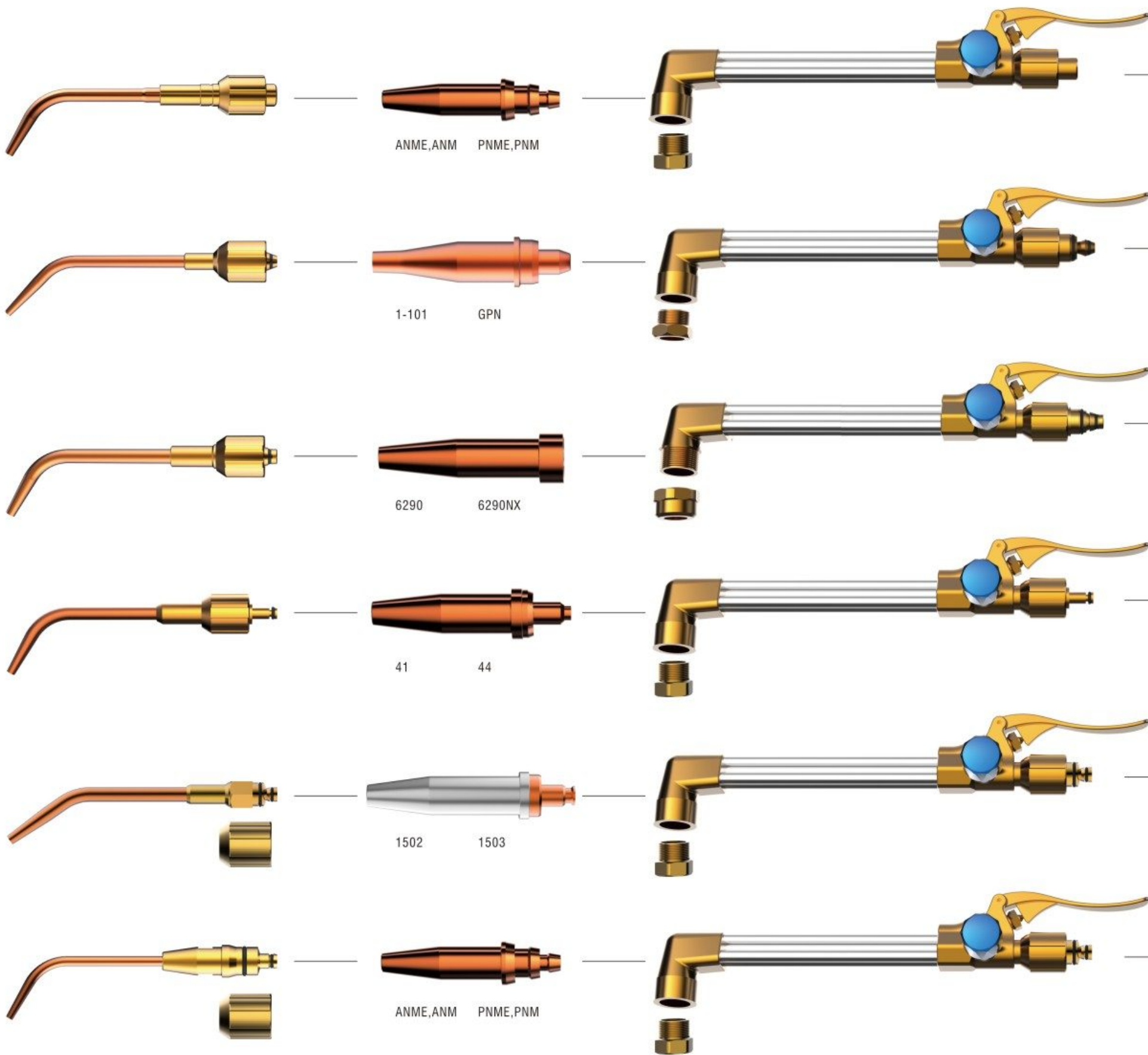
UWELD Universal Gas Cutting Torch

- Proudly designed and developed by UWELD R&D division.
- Universal torch handle with external thread attaches perfectly with internal thread type welding tips.
- Full brass lever and ergonomically designed torch handle for better grip and operation.
- Inline stainless tubes for better visibility and reduced profile.
- Capacity: cutting from 1/8" (3.2mm) to 8" (203.2mm).
- Die-Forged brass head for maximum durability.
- Stainless Steel Tubes for greater strength & durability.
- Universal Gas Mixer gives top performance with any fuel gas.
- Ribbed brass Handle for sure grip & operator comfort.
- Hose connection 9/16"-18, and other thread sizes available.



Specifications:

Models	Head	Nozzle for Acetylene	Nozzle for Propane
Cutting Nozzle-A	90°	ANME,ANM	PNME,PNM
Cutting Nozzle-B	90°	1-101	GPN
Cutting Nozzle-C	90°	6290	6290NX
Cutting Nozzle-D	90°	41	44
Cutting Nozzle-E	90°	1502	1503
Cutting Nozzle-F	90°	ANME,ANM	PNME,PNM



APOLLO

1C005-0129

UWELD Universal Gas Cutting Torch

- Proudly designed and developed by UWELD R&D division.
- Universal torch handle with external thread attaches perfectly with internal thread type welding tips.
- Full brass lever and ergonomically designed torch handle for better grip and operation.
- Inline stainless tubes for better visibility and reduced profile.
- Capacity: cutting from 1/8" (3.2mm) to 8" (203.2mm).
- Die-Forged brass head for maximum durability.
- Stainless Steel Tubes for greater strength & durability.
- Universal Gas Mixer gives top performance with any fuel gas.
- Ribbed brass Handle for sure grip & operator comfort.
- Hose connection 9/16"-18, and other thread sizes available.

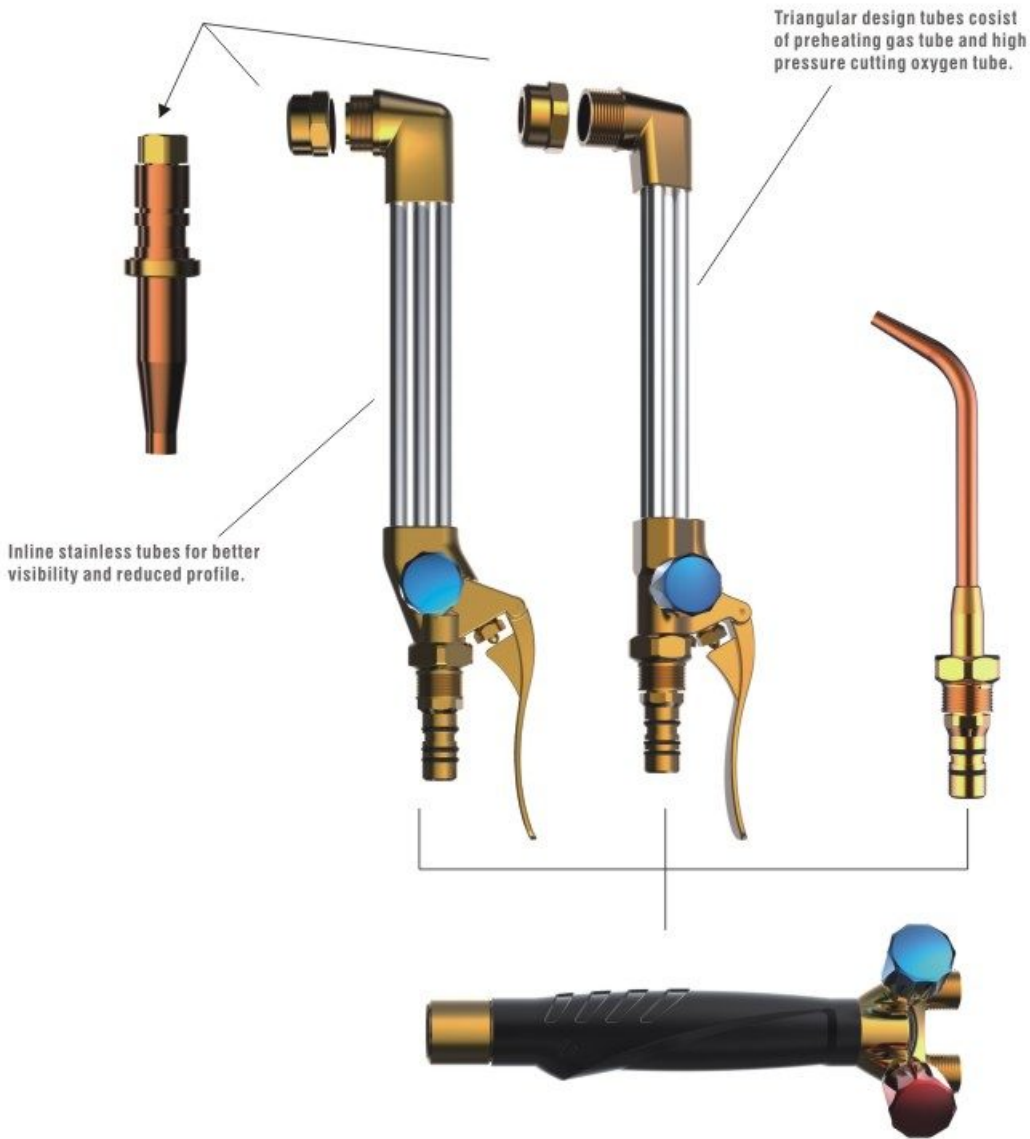


Specifications:

Models	Head	Nozzle for Acetylene	Nozzle for Propane
Cutting Nozzle-A	90°	ANME,ANM	PNME,PNM
Cutting Nozzle-B	90°	1-101	GPN
Cutting Nozzle-C	90°	6290	6290NX
Cutting Nozzle-D	90°	41	44
Cutting Nozzle-E	90°	1502	1503
Cutting Nozzle-F	90°	ANME,ANM	PNME,PNM

UWELD Universal Gas Cutting Torch

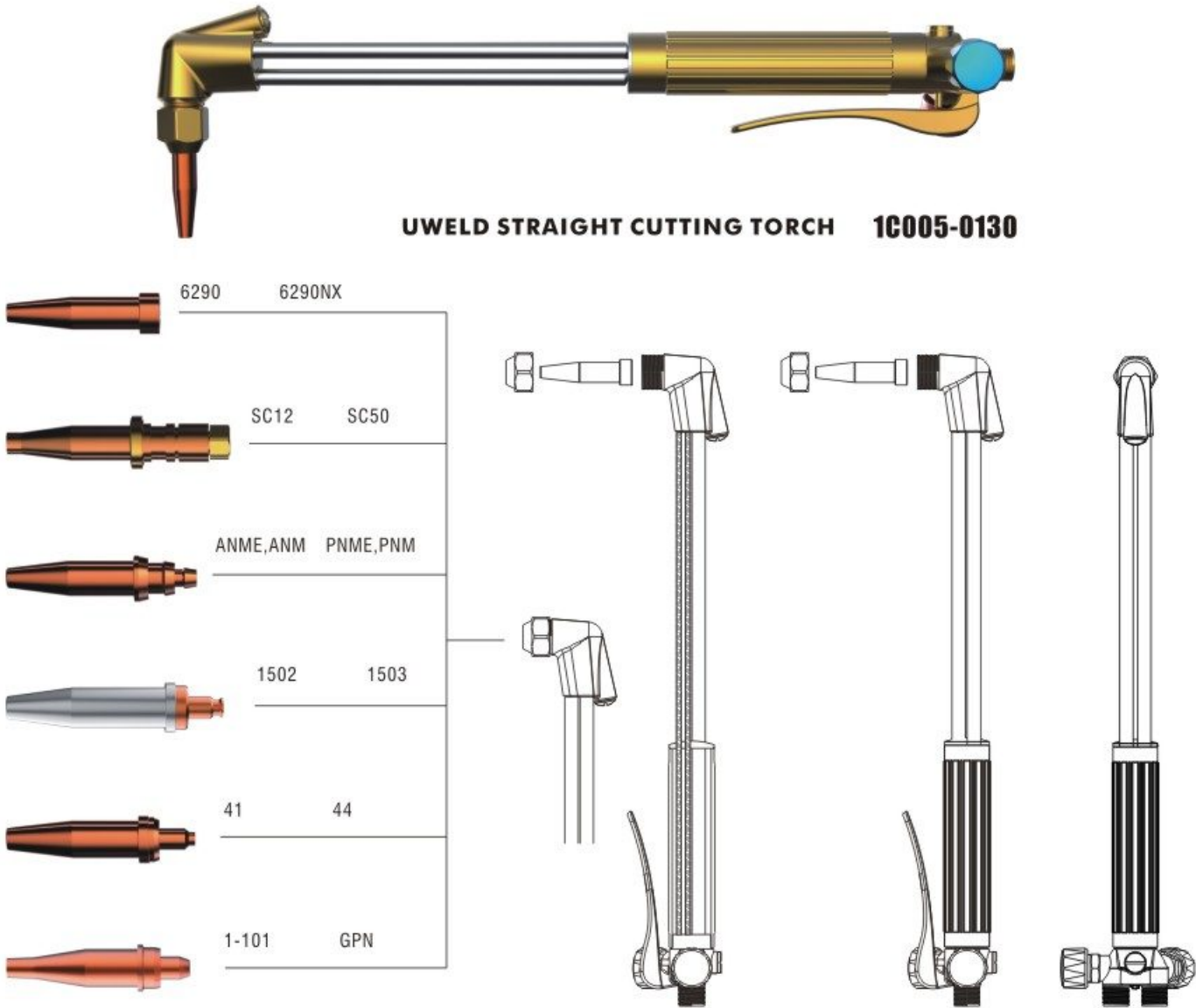
- Proudly designed and developed by UWELD R&D division.
- Universal torch handle with internal thread matches perfectly with external thread type welding tips.
- Full brass lever and ergonomically designed torch handle for better grip and operation.
- Triangular design tubes consist of preheating gas tube and high pressure cutting oxygen tube.
- Inline stainless tubes for better visibility and reduced profile.
- Capacity: cutting from 1/8" (3.2mm) to 8" (203.2mm).
- Die-Forged brass head for maximum durability.
- Stainless Steel Tubes for greater strength & durability.
- Universal Gas Mixer gives top performance with any fuel gas.
- Ribbed brass Handle for sure grip & operator comfort.
- Hose connection 9/16"-18, and other thread sizes available.



Spectifictions:

Models	Head	Nozzle for Acetylene	Nozzle for Propane
Cutting Nozzle	90°	SC12	SC50

ATHENA



UWELD STRAIGHT CUTTING TORCH 1C005-0130

- Capacity: cutting from 1/8" (3.2 mm) to 8" (203.3 mm).
- Die-Forged brass head for maximum durability.
- Stainless Steel Tubes with strength and rigidity .
- Universal Gas Mixer gives top performance with any fuel gas.
- Ribbed brass Handle for sure grip & operator comfort.
- Oxygen and acetylene adjusting knobs with easily recognized colors on one side and the bottom of the torch body for overall control.
- With the changing of the nozzle nut, this newly developed cutting torch is applicable for 6 series of cutting nozzles.
- Hose connection 9/16"-18, and other thread sizes available.

Spectifictions:

Models	Head	Nozzle for Acetylene	Nozzle for Propane
Cutting Nozzle-A	90°	6290	6290NX
Cutting Nozzle-B	90°	SC12	SC50
Cutting Nozzle-C	90°	ANME, ANM	PNME, PNM
Cutting Nozzle-D	90°	1502	1503
Cutting Nozzle-E	90°	41	44
Cutting Nozzle-F	90°	1-101	GPN

1C005-0001 UW-1201**HC 1200C Heavy Duty Straight Cutting Torch****Features:**

- Capacity: cutting from 1/8" (3.2mm) to 8" (203.2mm).
- Die-Forged brass head for maximum durability.
- Stainless steel tubes for greater strength & durability.
- Ribbed brass handle for sure grip & operator comfort.
- Hose connection 9/16"-18, and other thread sizes available.

Specifications:

Models	Head	Nozzle for Acetylene	Nozzle for Propane	Length(mm)
1C005-0001	90°	1-101	GPN	480

**1C005-0002 UW-1202****American Type Heavy Duty Cutting Torch****Features:**

- Capacity: cutting up to 250mm (10").
- CA2460 cutting attachment.
- 315FC torch handle.
- Suitable for all fuel gases, pressure restrictions for different gases.
- Built-in reverse flow check valves for added safety.
- Hose connection 9/16"-18, and other thread sizes available.

Specifications:

Models	Head	Nozzle for Acetylene	Nozzle for Propane	Welding Tip	Heating Tip	Length(mm)
1C005-0002	90°	1-101	GPN	200V	MFA,MFN	480

**1C005-0003 UW-1203****American Type Heavy Duty Cutting Torch****Features:**

- Capacity: cutting up to 250mm (10").
- CA200 cutting attachment.
- HD310C torch handle.
- Suitable for all fuel gases, pressure restrictions for different gases.
- Hose connection 9/16"-18, and other thread sizes available.

Specifications:

Models	Head	Nozzle for Acetylene	Nozzle for Propane	Welding Tip	Heating Tip	Length(mm)
1C005-0003	90°	1-101	GPN	200V	MFA,MFN	480

**1C005-0004 UW-1204****American Type Medium Duty Cutting Torch****Features:**

- Capacity: cutting up to 200mm (7.9").
- CA100 cutting attachment.
- 80V torch handle.
- Suitable for all fuel gases, pressure restrictions for different gases.
- Die forged brass head for added strength and durability.
- Brass coupling nut and o ring seals gives quick gas-tight seal tightening.
- Hose connection 9/16"-18, and other thread sizes available.

Specifications:

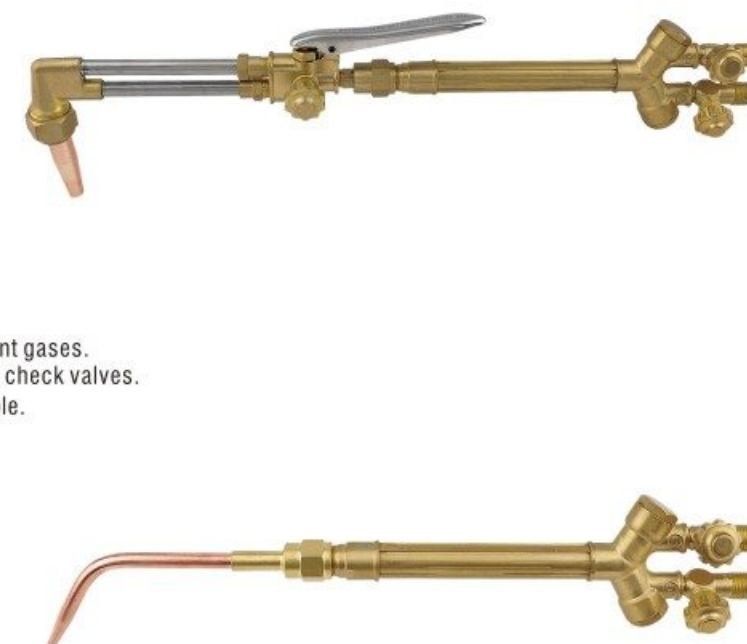
Models	Head	Nozzle for Acetylene	Nozzle for Propane	Welding Tip	Heating Tip	Length(mm)
1C005-0004	90°	3-101	3-GPN	80V	MFA,MFN	410

**1C005-0004 UW-1204-C****American Type Medium Duty Cutting Torch****Features:**

- Capacity: cutting up to 200mm (7.9").
- CA1350 cutting attachment.
- 100FC torch handle.
- Suitable for all fuel gases, pressure restrictions for different gases.
- Built-in reverse flow check valves- no need for accessory check valves.
- Hose connection 9/16"-18, and other thread sizes available.

Specifications:

Models	Head	Nozzle for Acetylene	Nozzle for Propane	Welding Tip	Heating Tip	Length(mm)
1C005-0005	90°	3-101	3-GPN	80V	MFA,MFN	410



1C005-0008 UW-1205-N

ST2600C Cutting Torch



- Features:**
- Capacity: cutting up to 250mm (10").
 - Suitable for all fuel gases, 5psig and above.
 - A better ergonomic design offers a clearer view of the cutting path, visual cues for easier use and enhanced safety.
 - Perfect for heating, flame cleaning, rivet cutting, gouging.
 - Hose connection 9/16"-18, and other thread sizes available.

Spectifications:

Models	Head	Nozzle for Acetylene	Nozzle for Propane	Welding Tip	Heating Tip	Length(mm)
1C005-0008	90°	1-101	GPN	200V	MFA,MFN	480

1C005-0009 UW-1205

American Type Heavy Duty Cutting Torch

- Features:**
- Capacity: cutting up to 200mm (7.9").
 - CA200 cutting attachment.
 - H315FC torch handle.
 - Suitable for all fuel gases, pressure restrictions for different gases.
 - Built-in flashback arrestors, no need for accessory flash arrestors.
 - Hose connection 9/16"-18, and other thread sizes available.



Spectifications:

Models	Head	Nozzle for Acetylene	Nozzle for Propane	Welding Tip	Heating Tip	Length(mm)
1C005-0009	90°	1-101	GPN	200V	MFA,MFN	480

1C005-00010 UW-1205-A

ST2600C Heavy Duty Straight Cutting Torch

- Features:**
- Capacity: cutting from 1/8" (3.2 mm) to 8" (203.3 mm).
 - Die-Forged brass head for maximum durability.
 - Stainless steel tubes for greater strength & durability.
 - Ribbed brass handle for sure grip & operator comfort.
 - Built-in flashback arrestors- no need for accessory flash arrestors.
 - Hose connection 9/16"-18, and other thread sizes available.



Spectifications:

Models	Head	Nozzle for Acetylene	Nozzle for Propane	Length(mm)
1C005-0010	90°	1-101	GPN	480

1C005-0012 UW-1207

62-3F Series Cutting Torch



- Features:**
- Capacity: cutting from 1/8" (3.2 mm) to 8" (203.3 mm).
 - Die-Forged brass head for maximum durability.
 - Stainless steel tubes with strength and rigidity.
 - Ribbed brass handle for sure grip & operator comfort.
 - Hose connection 9/16"-18, and other thread sizes available.
 - Different extensions available.

Spectifications:

Models	Head	Nozzle for Acetylene	Nozzle for Propane	Length(mm)
1C005-0012	90°	6290	6290NX	480
1C005-0013	90°	6290	6290NX	1100



1C005-0015 UW-1209

85 Torch Handle Series

- Features:**
- Capacity: cuts to 150mm (6"), welds up to 50mm (2").
 - Brass handle for durability.
 - Two stainless steel needle valves for fast, accurate flame adjustment.
 - Double O-ring seal to form a perfect gas-tight seal.
 - Head & body in forged brass for longer life.
 - Head mixing for maximum operator safety.
 - Build in safety plug in head for added safety.
 - Triangular stainless steel tubes construction for maximum strength & long life.
 - Press lever for easy cutting use.
 - Hose connection 9/16"-18, and other thread sizes available.

Spectifications:

Models	Head	Nozzle for Acetylene	Nozzle for Propane	Length(mm)
1C005-0015	90°	6290	6290NX	480



UW-1209-N

- Features:**
- Capacity: cuts to 127mm (5"), welds to 12.7mm (1/2").
 - Silver brazed twin tube construction for safety and durability.
 - Equipped with check valves.
 - Solid forged head resists abuse and distortion.
 - Triangular tube design is compact and lightweight with exceptional strength and rigidity.
 - Brazed connections prevent leakage.
 - Protected torch union nut protects seats and O-rings from abuse.
 - Solid forged lever for exceptional strength.
 - Ease-on cutting oxygen control for smoother starts.
 - Hose connection 9/16"-18, and other thread sizes available.

Spectifications:

Models	Head	Nozzle for Acetylene	Nozzle for Propane	Length(mm)
1C005-0014	90°	6290	6290NX	480



1C005-0016 UW-1210-A

NM 250 Heavy Duty Hand Cutting Torch

- Features:
- Capacity: cutting up to 250mm (10").
 - Suitable for both acetylene and propane service.
 - Backfire resistant design.
 - Nozzle mix principle for maximum safety.
 - Hose connection BSP 3/8", and other thread sizes available.
 - Unique cutting oxygen flow valve creates a progressive piercing and the smoothest cutting conditions.
 - Stainless steel lever with hold-down button.
 - Die forged brass head for added strength and durability.



Specifications:

Models	Head	Nozzle for Acetylene	Nozzle for Propane	Length(mm)	Feature
1C005-0016	90° /180° 75°	ANM,ANME	PNM,PNME	480	UPPER LEVER
1C005-0017	90° /180° 75°	ANM,ANME	PNM,PNME	480	HEAVY DUTY
1C005-0018	90° /180° 75°	ANM,ANME	PNM,PNME	930	HEAD DEGREE 75°
1C005-0019	90° /180° 75°	ANM,ANME	PNM,PNME	1100	HEAD DEGREE 180°
1C005-0020	90° /180° 75°	ANM,ANME	PNM,PNME	480	NEW HANDLE
1C005-0021	90° /180° 75°	ANM,ANME	PNM,PNME	480	DOWN LEVER
1C005-0022	90° /180° 75°	41	44	480	DOWN LEVER
1C005-0023	90° /180° 75°	41	44	480	UPPER LEVER



1C005-0024

Ge540 Hand Cutting & Welding Torch

Features:

- Capacity: cutting up to 200mm (7.9"), welding up to 25mm (1")
- Suitable for both acetylene and propane service.
- Totally encapsulated trim valves for precise gas control.
- Unique aluminium alloy gun drilled handle specially shaped for comfort and lightness with strength and reliability.
- Heavy chrome finish for maximum wear resistance.
- Parallel torqued inlet fittings with filters for maximum safety and durability.
- Perfect for heating, flame cleaning, rivet cutting, gouging.
- Hose connection BSP 3/8", and other thread sizes available.

Spectifictions:

Models	Head	Nozzle for Acetylene	Nozzle for Propane	Welding Tip
1C005-0026				L/W
1C005-0027 / 28 / 29	90°	ANM,ANME,AGNM	PNM,PNME	SW 2/3
1C005-0030 / 31 / 32	90°	AFN		L/W
1C005-0033	90°		2290	



1C005-0026

1C005-0034 UW-1215

Ge540 Hand Cutting & Welding Torch

Features:

- Capacity: cutting up to 200mm (7.9"), welding up to 25mm (1")
- Suitable for both acetylene and propane service.
- Totally encapsulated trim valves for precise gas control.
- Unique aluminium alloy gun drilled handle specially shaped for comfort and lightness with strength and reliability.
- Heavy chrome finish for maximum wear resistance.
- Parallel torqued inlet fittings with filters for maximum safety and durability.
- Perfect for heating, flame cleaning, rivet cutting, gouging.
- Hose connection BSP 3/8", and other thread sizes available.

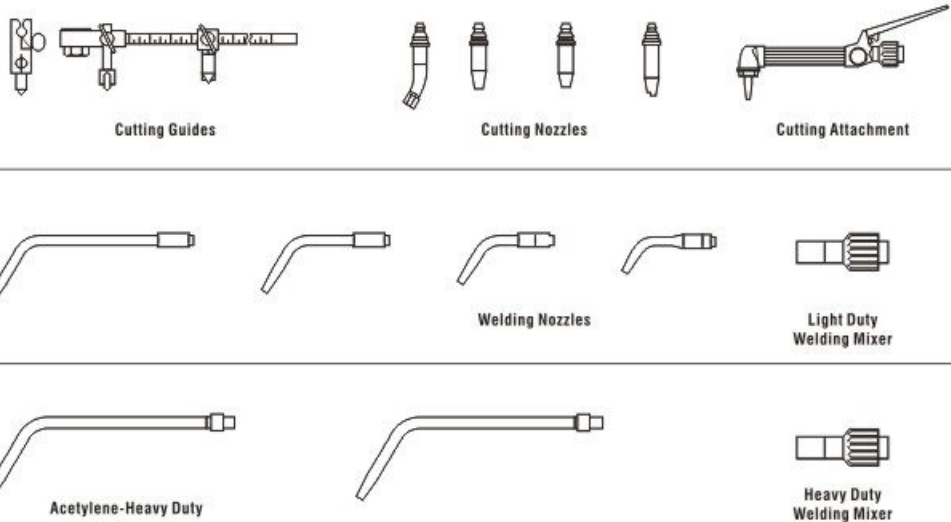
Spectifictions:

Models	Head	Nozzle for Acetylene	Nozzle for Propane	Welding Tip
1C005-0036				L/W
1C005-0037 / 38 / 39	90°	ANM,ANME,AGNM	PNM,PNME	2/3
1C005-0040 / 41 / 42	90°	AFN		L/W



1C005-0036

CUTTING & WELDING OPERATIONS



HEATING OPERATIONS



1C005-0043 UW-1216

42 Amercia Style Hand Cutting Torch

Features:

- Capacity: cutting from 1/8" (3.2mm) to 8" (203.2mm).
- Die-Forged brass head for maximum durability.
- Stainless Steel Tubes for greater strength & durability.
- Full brass body.
- Medium duty cutting torch.
- Hose connection 9/16"-18, and other thread sizes available.



Spectifictions:

Models	Head	Nozzle for Acetylene	Nozzle for Propane	Length(mm)
UW-1216	90°	6290	6290NX	475

Switzerland Type Hand Cutting & Welding Torch



1C005-0045 UW-1217



1C005-0046 UW-1218

Features:

- Capacity: cutting up to 100mm (4"), welding up to 30mm (1.2").
- Cutting nozzle sizes: #1, #2, #3.
- Suitable for both acetylene and propane service.
- Covers practically all forms of welding, cutting, soldering and heating.
- Light in weight, easy to handle and of an attractive nickel-plated design.
- Hose connection BSP 1/4"R.H., G3/8" L.H., and other thread sizes available.
- Available as a complete set or as individual parts.

Spectifictions:

Welding nozzle size	Orifice ID mm	Welding Range (mm)	Length(mm)
1	0.7	0.5-1.0	365
2	1.0	1.0-2.0	385
3	1.3	2.0-4.0	405
4	1.5	4.0-6.0	425

1C005-0047 UW-1217-A

Ge540 Hand Cutting & Welding Torch

Features:

- Capacity: cutting up to 200mm (7.9").
- Suitable for both acetylene and propane service.
- Parallel torqued inlet fittings with filters for maximum safety and durability.
- Perfect for heating, flame, cleaning, cutting, gouging.
- Hose connection BSP 3/8", and other thread sizes available.



Spectifictions:

Models	Head	Nozzle for Acetylene	Nozzle for Propane	Length(480)
1C005-0047	90°	ANM, ANME	PNM, PNME	480

1C005-0049 UW-1220

French Type Hand Cutting Torch

Features:

- Capacity: cutting up to 250mm (10").
- Suitable for both acetylene and propane service.
- Nozzle mix principle for maximum safety.
- Unique cutting oxygen flow valve creates a progressive piercing and the smoothest cutting conditions.
- Die forged brass head for added strength and durability.
- Hose connection BSP 3/8", and other thread sizes available.



Spectifictions:

Models	Head	Nozzle for Acetylene	Nozzle for Propane	Length(mm)
UW-1220	90°	G1-A	GA-P	505

1C005-0061 UW-1228

German Type Hand Cutting Torch

Features:

- Capacity: cutting up to 250mm (10").
- Suitable for both acetylene and propane service.
- Nozzle mix principle for maximum safety.
- Unique cutting oxygen flow valve creates a progressive piercing and the smoothest cutting conditions.
- Die forged brass head for added strength and durability.
- Hose connection BSP 3/8", and other thread sizes available.



Spectifictions:

Models	Head	Cutting Nozzle	Length(mm)
UW-1220	90°	G1-A	470
UW-1228	90°	2025C	

Russian Style Hand Cutting Torch

- Features:**
- Capacity: cutting up to 100mm (4").
 - Suitable for both acetylene and propane service.
 - Unique cutting oxygen flow valve creates a progressive piercing and the smoothest cutting conditions.
 - Die forged brass head for added strength and durability.
 - Hose connection M16*1.5, and other thread sizes available.



Spectifictions:

Models	Head	Nozzle for ACE	Nozzle for LPG	Length(mm)
1C015-0051	90°	2023AC	2023LPG	465
1C015-0052	90°	2023AC	2023LPG	465
1C015-0053	90°	2023AC	2023LPG	465

HEAVY DUTY MODELS

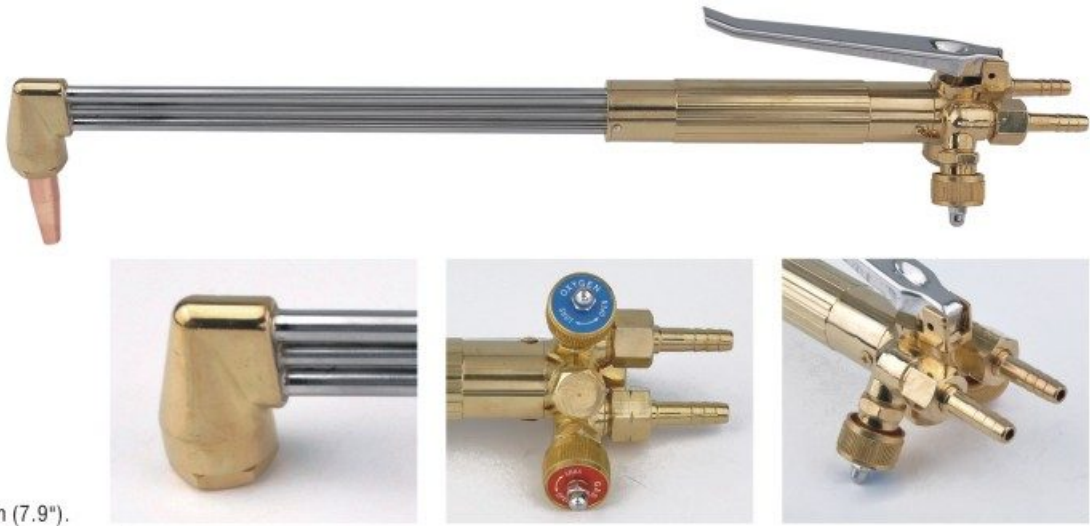


Spectifictions:

Models	Head	Nozzle for ACE	Nozzle for LPG	Length(mm)
1C015-0054	90°	2023AC	2023LPG	480
1C015-0055	90°	2023AC	2023LPG	480

1C005-0065 UW-1231

G02-200 Hand Cutting Torch



- Features:**
- Capacity: cutting up to 200mm (7.9").
 - Suitable for both acetylene and propane service.
 - Die forged brass head for added strength and durability.
 - Stainless steel lever for fast operation.
 - Inline tube design.
 - Nozzle mix principle for maximum safety.
 - Perfectly finished polishing of a great appearance.
 - Different extensions available.
 - Hose connection BSP 3/8", and other thread sizes available.

Spectifictions:

Model	Head	Nozzle for Acetylene	Nozzle for Propane	Length(mm)	Feature
1C005-0065 UW-1231	90°	ANM, ANME	PNM, PNME	480	
1C005-0066 UW-1231-A	90°	ANM, ANME	PNM, PNME	480	LOCK BUTTON
1C005-0067 UW-1231-B	90°	ANM, ANME	PNM, PNME	930	EXTRA LENGTH



440 Cutting & Welding Torch

Features:

- Capacity: cutting up to 100mm (4").
- Suitable for both acetylene and propane service.
- Including 3pcs cutting nozzles, 3pcs welding nozzles, 1 pc welding tip.
- Hose connection BSP 3/8", and other thread sizes available.



1C005-0069



1C005-0070

Specifications:

Models	Head	Nozzle for Acetylene	Nozzle for Propane	Length(mm)	Feature
1C005-0069	90°	"M"AC	"M"LPG	440	FULL BRASS
1C005-0070	90°	"M"AC	"M"LPG	440	FULLY PLATED

1C005-0079 UW-1236

TA 220 Hand Cutting Torch



Features:

- Capacity: cutting up to 200mm (7.9").
- Stainless steel lever for fast operation.
- Suitable for both acetylene and propane service.
- Hose connection BSP 3/8", and other thread sizes available.
- Die forged brass head for added strength and durability.



1C005-0080 UW-1236-A

Specifications:

Models	Head	Nozzle for Acetylene	Nozzle for Propane	Length(mm)	Feature
1C005-0079 UW-1236	90°	3040GE	3051GE	480	FULLY PLATED
1C005-0080 UW-1236-A	90°	3040GE	3051GE	480	

1C005-0081 UW-1237

MK-100 Hand Cutting Torch

Features:

- Capacity: cutting up to 200mm (7.9").
- Stainless steel lever for fast operation.
- Suitable for both acetylene and propane service.
- Hose connection BSP 3/8", and other thread sizes available.
- Die forged brass head for added strength and durability.



Specifications:

Models	Head	Nozzle for Acetylene	Nozzle for Propane	Length(mm)	Feature
1C005-0081 UW-1237	90°	102HC	106HC	480	LOCK BOTTOM

1C005-0082 UW-1238

GW247 Hand Cutting & Welding Torch



UW-1238-N

Features:

- Capacity: cutting up to 300mm (11.8").
- Suitable for both acetylene and propane service.
- Two stage valve gives precise gas control from the smallest welding tip to the largest heating tip.
- A non-rotating valve spindle drastically minimises wear.
- when used with appropriate attachments, is suitable for fusion welding, soldering, heating, hand cutting.
- Colour coded control knobs are fitted for maximum safety and ease of operation, even when wearing gloves.
- Hose connection BSP 3/8", and other thread sizes available.

Specifications:

Models	Head	Nozzle for Acetylene	Nozzle for Propane	Length(mm)
1C005-0082 UW-1238	90°	41TYPE	44TYPE	480
UW-1238-N	90°	41TYPE	44TYPE	480

1C005-0083 UW-1239

Brazil Type Cutting Torch

Features:

- Capacity: cutting up to 200mm (7.9").
- Suitable for both acetylene and propane service.
- Die forged brass head for added strength and durability.
- Can be used for welding with applicable mixer and welding tip.
- Hose connection 9/16"-18, and other thread sizes available.



Specifications:

Models	Head	Nozzle for Acetylene	Nozzle for Propane	Length(mm)
1C005-0083 UW-1239	90°	1502	1503	500

1C005-0086**990 British Type Cutting & Welding Torch****Features:**

- Capacity: cutting up to 250mm (10").
- Suitable for both acetylene and propane service.
- Backfire resistant design.
- Nozzle mix principle for maximum safety.
- Universal pressure- maintains stable preheat flame during cutting.
- Die forged brass head for added strength and durability.
- Hose connection BSP 3/8", and other thread sizes available.

Specifications:

Models	Head	Nozzle for Acetylene	Nozzle for Propane	Length(mm)
1C005-0086	90°	ANM, ANME	PNM, PNME	465

1C005-0075**American Style Mini Welding Torch****Specifications:**

Models	Welding capacity(mm)	Torch handle	Welding Tip	Hose Connection
1C005-0075	0-12	LIGHT DUTY	30V	"A" SIZE 3/8"-24

1C005-0076**American Style Mini Welding Torch with Curved Tip****Specifications:**

Models	Welding capacity(mm)	Torch handle	Welding Tip	Hose Connection
1C005-0076	0-12	MEDIUM DUTY	L/W	"A" SIZE 3/8"-24

1C005-0077**American Style Medium Duty Welding Torch****Specifications:**

Models	Welding capacity(mm)	Torch handle	Welding Tip	Hose Connection
1C005-0077	0-12	MEDIUM DUTY	L/W	"B" SIZE 9/16"-18

French Style Hand Welding Torch**1C005-0090****1C005-0092****1C005-0093****1C005-0091****1C005-0091-A****Spanish Style Hand Welding Torch****Specifications:**

Models	Welding capacity(mm)	Torch handle	Welding Tip	Hose Connection
1C005-0090	0-25	LIGHT DUTY	WT-08	M16*1.5, 6-9mm
1C005-0092	0-25	LIGHT DUTY	WT-08	M16*1.5, 6-9mm
1C005-0093	0-25	LIGHT DUTY	WT-08	M16*1.5, 6-9mm
1C005-0094	0-12	LIGHT DUTY	WT-08	M16*1.5, 6-9mm
1C005-0094-A	0-12	LIGHT DUTY	WT-08	∅ 3mm

1C005-0101 UW-1242**Brazil Type Hand Welding Torch****Specifications:**

Models	Welding capacity(mm)	Torch handle	Welding Tip	Hose Connection
1C005-0101	0-12	LIGHT DUTY	201AC, 201LPG	"B" SEIZE 9/16-18



Russian Style Hand Welding Torch



1C005-0095



1C005-0096

Specifications:

Models	Welding capacity(mm)	Torch handle	Welding Tip	Hose Connection
1C005-0095	0-12	MEDIUM DUTY	2024W	M16*1.5,6.9mm
1C005-0096	0-12	MEDIUM DUTY	2024W	M16*1.5,6.9mm

1C005-0098

British Style Hand Welding Torch



Specifications:

Models	Welding capacity(mm)	Torch handle	Welding Tip	Hose Connection
1C005-0098	0-12	LIGHT DUTY	200AC,200LPG	"B" SEZE 9/16-18

1C005-0097 UW-1229

British Style Welding Torch



Specifications:

Models	Welding capacity(mm)	Torch handle	Welding Tip	Hose Connection
1C005-0097	0-12	LIGHT DUTY	2024W	BSP 3/8"

1C005-0100 UW-1233

Japanese Style Welding Torch



Specifications:

Models	Welding capacity(mm)	Torch handle	Welding Tip	Hose Connection
1C005-0100	0-10	LIGHT DUTY	WT-08	BSP 3/8"

Jeweler's Soldering Torch Series

1C005-0103 UW-1245

The seven-inch-long midget burns with any gas, making it versatile as well as lightweight. With one-hand operation, three tips change the flame size from large and bushy to pinpoint. Produces perfectly controlled, completely stable flame hot enough to melt commercially weldable metals, glass and even ceramics.



Specifications:

Models	Welding capacity(mm)	Torch handle	Welding Tip	Hose Connection
1C005-0103	0-12	LIGHT DUTY	WT-08	1/4"(6.4mm)

1C005-0104 UW-1246

Applications: ideal for precision metal melting, soldering, brazing and welding. Flexibility: fingertip control valves and a variety of tips permit the user to select a flame size from large brush to pinpoint. Constructed of solid brass and completely nickel-plated with a length of 9", inlet nipples of standard 1/4" Φ rubber tubing. Even fine intricate soldering can be done quickly and easily with an assortment of tips.



Specifications:

Models	Welding capacity(mm)	Torch handle	Welding Tip	Hose Connection
1C005-0104	0-12	LIGHT DUTY	WT-08	1/4"(6.4mm)

1C005-0106 UW-1251

Applications: jewelry repair & manufacture, hobby & crafts, metal & sculpture, glass blowing, plumbing, electronics & repair.

Flexibility: can be used with several fuels including acetylene, hydrogen, propane, propylene, or natural gas.

Stability: produces perfectly controlled, completely stable flame hot enough to melt commercially weldable metals, glass and even ceramics.

Speciality: may also be used with special heating tips to melt up to 3 oz. of gold or silver.



Specifications:

Models	Welding capacity(mm)	Torch handle	Welding Tip	Hose Connection
1C005-0106	0-10	LIGHT DUTY	MINOR	"B" SEZE 9/16-18

CUTTING NOZZLE & WELDING TIP

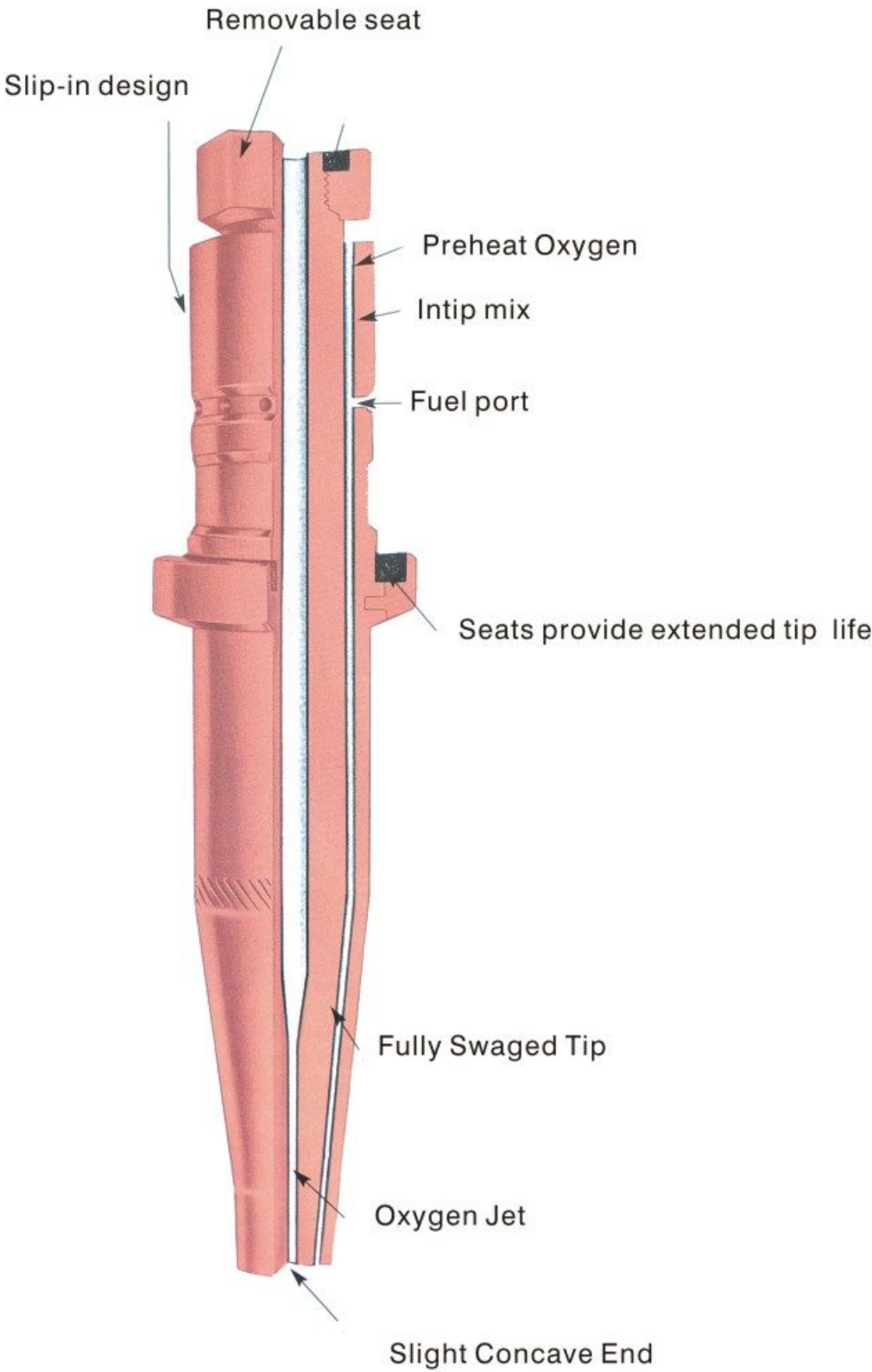
HIGH EFFICIENCY
DURABILITY



Gas welding and cutting tools have been more and more widely applied in different fields of industries. UWELD is a specialized manufacturer and developer of professional gas welding and cutting equipment.

These whole series of welding and cutting equipment are widely used in all types of industries, application range varies from building construction to home use, welding/heating, DIY work, pretty much everywhere in daily life.

Regarding the different requirements for different welding environment, UWELD is offering different combinations of welding and cutting equipment for customers from all over the world.



1C001-0001 UW-1101 1-101



1C001-0002 UW-1102 1-101 30°



1C001-0003 UW-1103 3-101



1C001-0004 UW-1104 1-118



1C001-0005 UW-1105 1-108

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)
UW-1101	000	0.7	1-3	0.15-0.2	0.035
	00	0.8	3-6	0.15-0.2	0.035
	0	1	6-10	0.2-0.25	0.035
	1	1.2	10-20	0.2-0.25	0.035
	2	1.5	20-40	0.25-0.32	0.045
	3	1.8	40-60	0.25-0.35	0.06
	4	2.1	60-80	0.32-0.4	0.07
	5	2.5	80-125	0.32-0.4	0.085
	6	3	125-200	0.32-0.56	0.095
	7	3.5	200-250	0.32-0.56	0.1
	8	4	250-300	0.4-0.6	0.1

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)
UW-1102	0	1	6-10	0.2-0.25	0.035
	1	1.2	10-20	0.2-0.25	0.035
	2	1.5	20-40	0.25-0.32	0.045

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)
UW-1103	000	0.7	1-3	0.15-0.2	0.035
	00	0.8	3-6	0.15-0.2	0.035
	0	1	6-10	0.2-0.25	0.035
	1	1.2	10-20	0.2-0.25	0.035
	2	1.5	20-40	0.25-0.32	0.045
	3	1.8	40-60	0.25-0.35	0.06
	4	2.1	60-80	0.32-0.4	0.07
	5	2.5	80-125	0.32-0.4	0.085

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (Psig)	Acetylene Pressure (Psig)
UW-1104	0	1.2	1.8*5	25/30	3/5
	2	1.5	1.5*5	35/40	3/7
	4	1.8	2.5*5	40/50	5/7
	6	2.1	2.8*10	45/55	7/13
	8	2.4	3.2*10	45/55	10/15

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (Psig)	Acetylene Pressure (Psig)
UW-1105	0	1	6-10	25/30	3/5
	1	1.2	10-20	30/35	3/5
	2	1.5	20-40	35/40	3/7
	3	1.8	40-60	40/45	4/9
	4	2.1	60-80	45/50	5/10



1C001-0006 UW-1106 1-303MP

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (Psi/g)	Acetylene Pressure (Psi/g)
UW-1106	0	1.0	6-10	25/30	3/5
	1	1.2	10-20	30/35	4/6
	2	1.5	20-40	35/40	4/8
	3	1.8	40-60	40/50	5/9
	4	2.1	60-80	45/50	6/10
	5	2.5	80-125	50/55	8/12
	6	3	125-300	55/65	10/15



1C001-0007 UW-1107 GPN

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Propane Pressure (mpa)
UW-1107	000	0.7	1-3	0.14-0.25	0.021-0.035
	00	0.8	3-6	0.14-0.25	0.021-0.035
	0	1	6-10	0.21-0.28	0.021-0.035
	1	1.2	10-20	0.21-0.28	0.028-0.042
	2	1.5	20-40	0.28-0.35	0.035-0.063
	3	1.8	40-60	0.31-0.34	0.042-0.069
	4	2.1	60-80	0.31-0.34	0.056-0.083
	5	2.5	80-125	0.34-0.38	0.056-0.083
	6	3.1	125-200	0.38	0.069-0.1
	7	3.6	200-250	0.38	0.069-0.1
	8	4.1	250-300	0.38	0.069-0.1



1C001-0008 UW-1108 GPM

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Propane Pressure (mpa)
UW-1108	00	0.8	3-6	0.14-0.25	0.035
	0	1	6-10	0.21-0.28	0.035
	1	1.2	10-20	0.21-0.28	0.042
	2	1.5	20-40	0.28-0.35	0.063
	3	1.8	40-60	0.31-0.34	0.069
	4	2.1	60-80	0.31-0.34	0.083



1C001-0009 UW-1109 GPP

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Propane Pressure (mpa)
UW-1109	00	0.8	3-6	0.14-0.25	0.035
	0	1	6-10	0.21-0.28	0.035
	1	1.2	10-20	0.21-0.28	0.042
	2	1.5	20-40	0.28-0.35	0.063
	3	1.8	40-60	0.31-0.34	0.069
	4	2.1	60-80	0.31-0.34	0.083
	5	2.5	80-125	0.34-0.38	0.083
	6	3.1	125-200	0.38	0.1



1C001-0010 UW-1110 MTHN

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Propane Pressure (mpa)
UW-1110	00	0.8	3-6	0.3-0.35	0.02
	0	1	6-10	0.3-0.5	0.025
	1	1.2	10-20	0.3-0.5	0.025
	2	1.5	20-40	0.4-0.55	0.03
	3	1.8	40-60	0.45-0.55	0.035
	4	2.1	60-80	0.5-0.65	0.04
	5	2.5	80-125	0.5-0.6	0.045
	6	3.1	125-200	0.5-0.6	0.05



1C001-0011 UW-1111 3-GPN

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Propane Pressure (mpa)
UW-1111	00	0.8	3-6	0.14-0.17	0.021-0.035
	0	1	6-10	0.21-0.24	0.021-0.035
	1	1.2	10-20	0.21-0.24	0.028-0.042
	2	1.5	20-40	0.28-0.31	0.035-0.063
	3	1.8	40-60	0.28-0.31	0.035-0.063



1C001-0012 UW-1112 3-GPP

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Propane Pressure (mpa)
UW-1112	000	0.7	1-3	0.15-0.2	0.035
	00	0.8	3-6	0.15-0.2	0.035
	0	1	6-10	0.2-0.25	0.035
	1	1.2	10-20	0.2-0.25	0.035
	2	1.5	20-40	0.25-0.32	0.045
	3	1.8	40-60	0.25-0.35	0.06
	4	2.1	60-80	0.25-0.35	0.07
	5	2.5	80-125	0.32-0.4	0.085
	6	3.1	125-200	0.38-0.4	0.1



1C001-0013 UW-1113 6290

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)
UW-1113	000	0.8	1-5
	00	0.7	5-10
	0	1	10-15
	1	1.2	15-25
	2	1.6	25-50
	3	1.9	50-100
	4	2.4	100-175
	5	2.8	175-250
	6	3.2	250-300



1C001-0014 UW-1114 6290AC

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)
UW-1114	000	0.8	1-5	15-30	5-15
	00	0.9	5-10	15-30	5-15
	0	1	10-15	20-35	5-15
	1	1.2	15-25	30-50	5-15
	2	1.6	25-50	40-65	5-15
	3	2	50-100	40-65	5-15
	4	2.4	100-175	50-80	5-15
	5	2.8	175-250	65-80	5-15
	6	3.2	250-300	70-95	5-15



1C001-0015 UW-1115 6290G

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)
UW-1115	1G	1.4	3*6	35	5-15
	2G	2.2	5*10	50	5-15
	3G	2.9	6*10	50	5-15



1C001-0016 UW-1116 6290NFF

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (psig)	Propane Pressure (psig)
UW-1116	000	0.8	1-5	15-30	5-15
	00	0.9	5-10	20-35	5-15
	0	1	10-15	30-50	5-15
	1	1.2	15-25	40-65	5-15
	2	1.6	25-50	40-65	5-15
	3	2	50-100	40-65	5-15
	4	2.4	100-175	50-80	5-15
	5	2.8	175-250	65-80	5-15
	6	3.2	250-300	70-95	5-15



1C001-0017 UW-1117 6290VVC

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (psig)	Propane Pressure (psig)
UW-1117	000	0.8	1-5	0.2	0.034-0.12
	00	0.9	5-10	0.14-0.21	0.034-0.12
	0	1	10-15	0.21-0.28	0.034-0.12
	1	1.2	15-25	0.24-0.34	0.034-0.12
	2	1.6	25-50	0.28-0.38	0.034-0.12
	3	2	50-100	0.31-0.41	0.034-0.12
	4	2.4	100-175	0.34-0.52	0.034-0.12
	5	2.8	175-250	0.45-0.55	0.034-0.12
	6	3.2	250-300	0.5-0.62	0.034-0.12



1C001-0018 UW-1118 6290NXP

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (psig)	Propane Pressure (psig)
UW-1118	000	0.8	1-5	0.2	0.034-0.12
	00	0.9	5-10	0.14-0.21	0.034-0.12
	0	1	10-15	0.21-0.28	0.034-0.12
	1	1.2	15-25	0.24-0.34	0.034-0.12
	2	1.6	25-50	0.28-0.38	0.034-0.12
	3	2	50-100	0.31-0.41	0.034-0.12
	4	2.4	100-175	0.34-0.52	0.034-0.12
	5	2.8	175-250	0.45-0.55	0.034-0.12
	6	3.2	250-300	0.5-0.62	0.034-0.12



1C001-0019 UW-1119 6290NXM

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (psig)	Propane Pressure (psig)
UW-1119	000	0.8	1-5	0.2	0.034-0.12
	00	0.9	5-10	0.14-0.21	0.034-0.12
	0	1	10-15	0.21-0.28	0.034-0.12
	1	1.2	15-25	0.24-0.34	0.034-0.12
	2	1.6	25-50	0.28-0.38	0.034-0.12
	3	2	50-100	0.31-0.41	0.034-0.12
	4	2.4	100-175	0.34-0.52	0.034-0.12
	5	2.8	175-250	0.45-0.55	0.034-0.12
	6	3.2	250-300	0.5-0.62	0.034-0.12



1C001-0020 UW-1120 6290NX

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (psig)	Propane Pressure (psig)
UW-1120	000	0.8	1-5	0.2	0.034-0.12
	00	0.9	5-10	0.14-0.21	0.034-0.12
	0	1	10-15	0.21-0.28	0.034-0.12
	1	1.2	15-25	0.24-0.34	0.034-0.12
	2	1.6	25-50	0.28-0.38	0.034-0.12
	3	2	50-100	0.31-0.41	0.034-0.12
	4	2.4	100-175	0.34-0.52	0.034-0.12
	5	2.8	175-250	0.45-0.55	0.034-0.12
	6	3.2	250-300	0.5-0.62	0.034-0.12



1C001-0021 UW-1121 6260GG

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Propane Pressure (mpa)
UW-1121	1	1.8	20-50	0.7	0.03
	2	2.1	50-100	0.7	0.04
	3	2.5	100-170	0.7	0.05



1C001-0022 UW-1122 144

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)
UW-1122	00	0.8	<5	0.17-0.22	0.02
	0	1	5-10	0.25	0.02
	1	1.2	10-15	0.28-0.35	0.02
	2	1.4	15-30	0.36	0.02
	3	1.6	30-40	0.36	0.02
	4	1.85	40-50	0.34-0.42	0.025
	5	2.1	50-100	0.43	0.03
	6	2.4	100-150	0.4	0.035
	7	2.8	150-200	0.45	0.04
	8	3.3	200-300	0.45	0.04



1C001-0023 UW-1123 261

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)
UW-1123	00	0.6	1-3
	0	0.8	3-6
	1	1	6-10
	2	1.2	10-15
	3	1.4	15-25
	4	1.6	25-50
	5	1.9	50-100
	6	2.5	100-150
	7	2.8	150-200
	8	3.2	200-250



1C001-0024 UW-1124 138

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)
UW-1124	00	0.8	<5	0.15	0.02
	0	1	5-10	0.2	0.02
	1	1.2	10-15	0.25	0.02
	2	1.4	15-30	0.3	0.02
	3	1.6	30-40	0.3	0.02
	4	1.8	40-50	0.35	0.025
	5	2.1	50-100	0.4	0.03
	6	2.4	100-150	0.4	0.035



1C001-0025 UW-1125 183

Order No	Model No	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)
UW-1125	6	50-100	0.6-0.7	0.35
	8	100-150	0.65-0.95	0.04
	10	150-350	0.7-0.9	0.05


1C001-0026 UW-1126 164

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)
UW-1126	00	0.8	<5	0.15	0.02
	0	1	5-10	0.2	0.02
	1	1.2	10-15	0.25	0.02
	2	1.4	15-30	0.3	0.02
	3	1.6	30-40	0.3	0.02
	4	1.85	40-50	0.35	0.025
	5	2.1	50-100	0.4	0.03
	6	2.4	100-150	0.4	0.035
	7	2.8	150-200	0.45	0.04
	8	3.3	200-300	0.45	0.04


1C001-0027 UW-1127 363/375

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Propane Pressure (mpa)
UW-1127	5	1.9	100-125	0.4	0.1
	6	2.5	125-150	0.5	0.1
	8	3.2	200-250	0.6	0.1


1C001-0028 UW-1128 AFH/345

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (Psig)	Propane Pressure (Psig)
UW-1128	000	0.6	1-3	70-80	2-5
	00	0.8	3-6	80-90	3-5
	0	1	10-15	80-100	3-5
	1	1.2	15-25	80-100	3-6
	2	1.6	50-100	80-100	6-10
	3	1.9	100-150	80-100	6-10
	5	2.6	200-250	80-100	9-15


1C001-0029 UW-1129 SC12

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)
UW-1129	000	0.7	1-3	0.2	0.068
	00	0.8	3-5	0.2	0.068
	0	1.0	5-10	0.25	0.068
	1	1.2	10-15	0.3	0.068
	2	1.4	15-30	0.35	0.068
	3	1.7	30-50	0.35	0.068
	4	2.0	50-100	0.4	0.068
	5	2.3	100-200	0.5	0.068
	6	2.6	200-300	0.6	0.068
	7	3.0	300-350	0.6	0.068


1C001-0030 UW-1130 SC50

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)
UW-1130	00	0.8	3-5
	0	1.0	5-10
	1	1.2	10-15
	2	1.5	15-30
	3	1.8	30-50
	4	2.1	50-100


1C001-0031 UW-1131 SC21A

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Propane Pressure (mpa)
UW-1131	1	1.2	6-10	25	0.068
	2	1.4	10-25	40	0.068
	3	1.7	25-40	65	0.068
	4	2.0	40-60	100	0.068


1C001-0032 UW-1132 SC40

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)
UW-1132	0	1.0	5-10
	1	1.2	10-15
	2	1.4	15-30
	3	1.7	30-50
	4	2.0	50-100
	5	2.5	100-200


1C001-0033 UW-1133 SC60

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)
UW-1133	00	0.6	1-3
	0	0.8	3-6
	1	1	6-10
	2	1.2	10-15
	3	1.4	15-25
	4	1.6	25-50
	5	1.9	50-100
	6	2.5	100-150
	7	2.8	150-200
	8	3.2	200-250


1C001-0034 UW-1134 MC12

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)
UW-1134	00	0.8	3-5	0.25	0.02
	0	1.0	5-10	0.25	0.02
	1	1.2	10-15	0.35	0.025
	2	1.4	20-30	0.35	0.025
	3	1.7	30-50	0.5	0.025
	4	2.0	50-100	0.5	0.025


1C001-0035 UW-1135 MC40

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)
UW-1135	00	0.8	0-5	0.25-0.35	0.02
	0	1.0	5-10	0.35-0.45	0.025
	1	1.2	10-15	0.5-0.7	0.025
	2	1.4	15-30	0.5-0.7	0.03
	3	1.6	30-50	0.55-0.75	0.04
	4	1.8	50-100	0.55-0.75	0.04



1C001-0036 UW-1136 MC60

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)
UW-1136	00	0.8	3-5
	0	1.0	5-10
	1	1.2	10-15
	2	1.4	15-30
	3	1.6	30-50
	4	1.8	50-100



1C001-0037 UW-1137 ANME

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)
UW-1137	1/32	0.8	3-10
	3/64	1.2	10-25
	1/16	1.6	25-40
	5/64	2	40-60
	3/32	2.4	60-100
	7/64	2.8	100-200
	1/8	3.2	200-300



1C001-0038 UW-1138 PNME9

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Propane Thickness (mpa)
UW-1138	1/32	0.8	3-10	0.3-0.5	0.02
	3/64	1.2	10-25	0.3-0.5	0.025
	1/16	1.6	25-40	0.4-0.55	0.03
	5/64	2	40-60	0.45-0.6	0.035
	3/32	2.4	60-100	0.5-0.65	0.04
	7/64	2.8	100-200	0.45-0.8	0.045
	1/8	3.2	200-300	0.75-0.85	0.05



1C001-0039 UW-1139 PNME18

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)
UW-1139	1/64	0.6	1-3
	1/32	0.8	3-10
	3/64	1.2	10-25
	1/16	1.6	25-75
	5/64	2.0	75-125
	3/32	2.4	125-175
	7/64	2.8	175-225
	1/8	3.2	225-300



1C001-0040 UW-1140 ANM

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)
UW-1140	1/32	0.9	3-10	0.2-0.35	0.014
	3/64	1.2	10-25	0.3-0.5	0.02
	1/16	1.6	25-40	0.4-0.55	0.025
	5/64	2	40-60	0.45-0.6	0.035
	3/32	2.4	60-100	0.5-0.65	0.035
	7/64	2.8	100-200	0.45-0.8	0.04
	1/8	3.3	200-300	0.75-0.85	0.045



1C001-0041 UW-1141 PNM

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Propane Thickness (mpa)
UW-1141	1/32	0.8	3-10	0.3-0.5	0.02
	3/64	1.2	10-25	0.5-0.7	0.025
	1/16	1.6	25-40	0.5-0.7	0.03
	5/64	2	40-60	0.5-0.7	0.035
	3/32	2.4	60-100	0.5-0.7	0.04
	7/64	2.8	100-200	0.5-0.7	0.045
	1/8	3.2	200-300	0.5-0.7	0.05



1C001-0042 UW-1142 AGNM

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Propane Thickness (mpa)
UW-1142	13	0.47-0.55	0.04	1665	32
	19	0.55-0.63	0.05	396	60
	25	0.63-0.7	0.06	656	74



1C001-0043 UW-1143 ASNM

Order No	Model No	Sizes (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)	Gas Flux(Ft3/h) Oxygen(1/h) Ethine(1/h)	
UW-1143	1	0.9-3	0.2	0.015	31	3



1C001-0044 UW-1144 1502

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)
UW-1144	2	0.8	3-6
	3	0.9	6-10
	4	1.0	10-16
	6	1.5	16-25
	8	2.0	25-127
	10	2.4	127-250
	12	3.0	250-300



1C001-0045 UW-1145 1511

Order No	Model No	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)	Gas Flux(Ft3/h) Oxygen(1/h) Ethine(1/h)	
UW-1145	13	0.47-0.55	0.04	1665	32
	19	0.55-0.63	0.05	396	60
	25	0.63-0.7	0.06	656	74



1C001-0046 UW-1146 1503/1534

Order No	Model No	Sizes (mm)	Stiff Thickness (mm)	Oxygen Pressure (mpa)	Propane Pressure (mpa)	Gas Flux(Ft3/h)	
						Oxygen(1/h)	Ethine(1/h)
UW-1146	2	0.6	0-3	0.12-0.15	0.034	1000-2300	50-120
	3	0.8	3-6	0.17-0.21	0.034	1300-2400	80-160
	4	1	6-10	0.21-0.28	0.034	1500-2500	100-200
	6	1.5	10-25	0.17-0.45	0.048	3500-5000	230-300
	8	2	25-50	0.28-0.41	0.041	6300-10000	300-400
	10	2.5	50-100	0.41-0.5	0.055	9500-20000	350-600
	12	3.05	100-150	0.60-0.69	0.075	20000-28000	600-900
	16	4.05	150-200	0.62-0.69	0.075	35000-41000	800-1000



1C001-0047 UW-1147 4202

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)
UW-1147	2	0.7	3-10	0.2	0.035
	3	1	10-25	0.2	0.035
	4	1.2	25-40	0.28	0.035
	5	1.4	40-60	0.45	0.048
	7	2.1	60-100	0.41	0.041
	9	2.2	100-120	0.48	0.055
	11	2.3	120-150	0.69	0.075
	13	2.5	150-200	0.69	0.075



1C001-0048 UW-1148 4203

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)
UW-1148	4	1	9-15	20-45	3-5
	5	1.3	19-38	25-62	3-5
	7	1.8	50-100	35-74	5-10
	9	2.3	125-150	58-74	10-15



1C001-0049 UW-1149 41



1C001-0050 UW-1150 41B

Order No	Model No	Sizes (mm)	Stuff Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)	Gas Flux(Ft3/h)	
						Oxygen(1/h)	Ethine(1/h)
UW-1149	6	0.6	1-6	0.2	0.1	11	2
	8	0.8	6-12	0.2	0.1	20	3.5
	12	1.2	12-20	0.2	0.1	38	4
	15	1.5	25-70	0.35	0.1	75	7
UW-1150	20	2	100-125	0.4	0.1	134	9
	24	2.4	150-200	0.5	0.1	232	12.5
	32	3.2	225-300	0.6	0.1	420	20
	48	4.8	300-400	0.65	0.1	945	45



1C001-0051 UW-1151 44



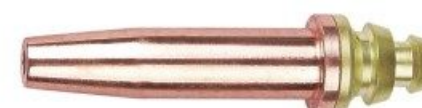
1C001-0052 UW-1152 41-GB

Order No	Model No	Sizes (mm)	Stuff Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)	Gas Flux(Ft3/h)	
						Oxygen(1/h)	Ethine(1/h)
UW-1151	6	0.6	3-6	0.2	0.1	17	2
	5	0.8	6-12	0.2	0.1	30	3.5
	12	1.2	12-20	0.25	0.1	58	4.5
	15	1.5	25-75	0.4	0.1	99	5.5
	20	2	100-125	0.4	0.1	171	6.6
	24	2.4	150-200	0.5	0.1	253	9
	32	3.2	225-300	0.6	0.1	456	14

Order No	Model No	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)
UW-1152	0	25	0.3-0.5	0.02
	2	50	0.45-0.6	0.035



1C001-0053 UW-1153 G1-A



1C001-0054 UW-1154 G1-P



1C001-0055 UW-1155 G1-S



1C001-0056 UW-1156 81021A



1C001-0057 UW-1157 81021P



1C001-0058 UW-1158 "M" LPG



1C001-0059 UW-1159 "M" AC

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)
UW-1153	7/10	0.7	3-10	0.3-0.5	0.05-0.1
	10/10	1	10-25	0.5-0.7	
	12/10	1.2	25-50	0.5-0.7	
	16/10	1.6	50-80	0.5-0.7	
	20/10	2	80-120	0.5-0.7	
	25/10	2.5	120-200	0.5-0.7	
	30/10	3	200-300	0.5-0.7	

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Propane Pressure (mpa)
UW-1154	7/10	0.7	3-10	0.3-0.5	0.05-0.1
	10/10	1	10-25	0.5-0.7	
	12/10	1.2	25-50	0.5-0.7	
	16/10	1.6	50-80	0.5-0.7	
	20/10	2.0	80-120	0.5-0.8	
	25/10	2.5	120-200	0.5-0.8	
	30/10	3.0	200-300	0.5-0.8	

Order No	Model No	G1-S	
		orifice (mm)	Thickness (mm)
UW-1155	1	2.0	50-80
	2	2.4	80-120
	3	2.8	120-200
	4	3.2	200-300

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)
UW-1156	1	1	3-20	2	1
	2	1.4	20-50	2.5	1
	3	1.8	50-100	3	1.5

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Propane Pressure (mpa)
UW-1157	1	1	3-20	2	1
	2	1.4	20-50	2.5	1
	3	1.8	50-100	3	1.5

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Propane Pressure (mpa)
UW-1158	1	0.7	1-5	0.25	0.03
	2	0.9	5-15	0.3	0.03
	3	1.1	15-30	0.35	0.03

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)
UW-1159	1	0.7	1-5	0.25	0.03
	2	0.9	5-15	0.3	0.03
	3	1.1	15-30	0.35	0.03



1C001-0060 UW-1160 "A"AC



1C001-0061 UW-1161 "A"LPG



1C001-0062 UW-1162 ST8-A



1C001-0063 UW-1163 ST8-P



1C001-0064 UW-1164 102HC



1C001-0065 UW-1165 106HC

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)
UW-1160	1	1.0	1-15	0.3	0.03
	2	1.3	15-50	0.35	0.03
	3	1.6	50-100	0.4	0.03

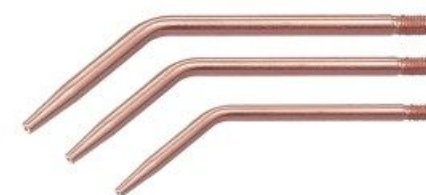
Order No	Model No	Sizes (mm)	Cutting Thickness (mm)
UW-1161	1	1.0	1-15
	2	1.3	15-50
	3	1.6	50-100

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Propane Pressure (mpa)
UW-1162	1	0.7	1-5	1.5	0.5
	2	0.9	5-10	1.5	0.5
	3	1.1	10-30	2	1
	4	1.3	30-50	2.5	1

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Propane Pressure (mpa)
UW-1163	1	0.7	1-5	1.5	0.5
	2	0.9	5-10	1.5	0.5
	3	1.1	10-30	2	1
	4	1.3	30-50	2.5	1

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)
UW-1164	00	0.8	0-5	1.5	0.2
	0	1	5-10	2	0.2
	1	1.2	10-15	2.5	0.2
	2	1.4	15-30	3	0.2
	3	1.6	30-40	3	0.2
	4	1.8	10-50	3.5	0.25
	5	2	50-100	4	0.3
	6	2.4	100-150	4	0.35
	7	2.8	150-250	4.5	0.4
	8	3.2	250-300	4.5	0.4

Order No	Model No	Sizes (mm)	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Propane Pressure (mpa)
UW-1165	1/32	0.8	3-10	0.3-0.35	0.02
	3/64	1.2	10-25	0.3-0.5	0.025
	1/16	1.6	25-40	0.4-0.55	0.03
	5/64	2	40-60	0.45-0.6	0.035
	3/32	2.4	60-100	0.5-0.65	0.04
	7/64	2.8	100-200	0.45-0.8	0.045
	1/8	3.2	200-300	0.75-0.85	0.05



1C003-0001 UW-1166 W(L/W)



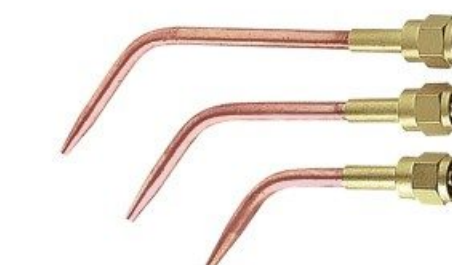
1C003-0002 UW-1167 H02-6F(100F)



1C003-0003 UW-1168 SW 2/3



1C003-0004 UW-1169 H02-20X



1C003-0005 UW-1171 MFA(200V)

Order No	Model Sizes	W(L/W)	
		Orifice (mm)	Connection thread
UW-1166	1	0.6	1/4" 26T.P.I
	2	0.8	
	3	1.0	
	5	1.1	
	7	1.3	
	10	1.5	
	13	1.7	
	18	2.0	
	25	2.2	

Order No	Model Sizes	H02-6F(100F)	
		Orifice (mm)	Connection thread
UW-1167	0	0.8	M8x1
	2	1.0	
	4	1.2	

Order No	Model Sizes	SW 2/3	
		Orifice (mm)	Connection thread
UW-1168	1	0.6	7/16" 27T.P.I
	2	0.8	
	3	1.0	
	5	1.1	
	7	1.3	
	10	1.5	
	13	1.7	
	18	2.0	
	25	2.2	
	35	2.7	

Order No	Model Sizes	H02-20X	
		Orifice (mm)	Connection thread
UW-1169	0A	0.6	3/8" 26T.P.I
	1A	0.8	
	E2A	1.0	
	E3A	1.2	
	E4A	1.5	
	E5A	2.0	
	6A	2.6	
	7A	3.2	

Order No	Model Sizes	Heavy Duty 200V	
		Orifice (mm)	Connection thread
UW-1171	000	0.4	7/8"-20
	00	0.5	
	0	0.6	
	1	0.8	
	2	1.0	
	3	1.2	
	4	1.5	
	5	2.0	
	6	2.6	
	7	3.2	

**1C003-0006** UW-1171-A MFA(80V)

Order No	Model Sizes	Light Duty 80V	
		Orifice (mm)	Connection thread
UW-1171-A	000	0.4	3/8"-24
	00	0.5	
	0	0.6	
	1	0.8	
	2	1.0	
	3	1.2	
	4	1.5	
	5	2.0	
	6	2.6	
	7	3.2	

**1C003-0007** UW-1171B MFA(30V)

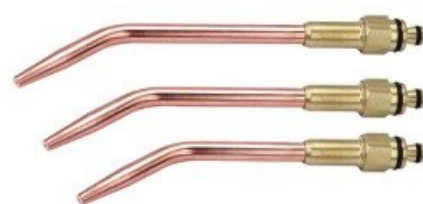
Order No	Model Sizes	MFA(30V)	
		Orifice (mm)	Connection thread
UW-1171B	000	0.4	
	00	0.5	
	0	0.6	
	1	0.8	
	2	1.0	
	3	1.2	
	4	1.5	
	5	2.0	
	6	2.6	
	7	3.2	

**1C003-0008** UW-1187 MFA

Order No	Model Sizes	MFA	
		Orifice (mm)	Connection thread
UW-1187	8	12"	7/8"-20
	10	12"	
	12	17 1/2"	
	15	17 1/2"	

**1C003-0009** UW-1172 GHG01-20/100

Order No	Model Sizes	GHG01-20/100	
		Orifice (mm)	Connection thread
UW-1172	1	0.7	
	2	0.9	
	3	1.3	
	4	1.6	
	5	2.0	
	6	2.4	
	7	2.9	
	8	3.3	

**1C003-0010** UW-1173 201-S-100 LPG

Order No	Model Sizes	201-S-100 LPG	
		Orifice (mm)	Connection thread
UW-1173	2	0.4	
	4	0.8	
	6	1.0	
	9	1.2	
	12	1.4	

**1C003-0011** 201-S-100 AC

Order No	Model Sizes	201-S-100 AC	
		Orifice (mm)	Connection thread
1C003-0011	2	0.4	
	4	0.8	
	6	1.0	
	9	1.2	
	12	1.4	

**1C003-0012** 200 LPG

Order No	Model Sizes	200 LPG	
		Orifice (mm)	Connection thread
1C003-0012	2	0.4	
	4	0.8	
	6	1.0	
	9	1.2	
	12	1.4	

**1C003-0013** 200AC

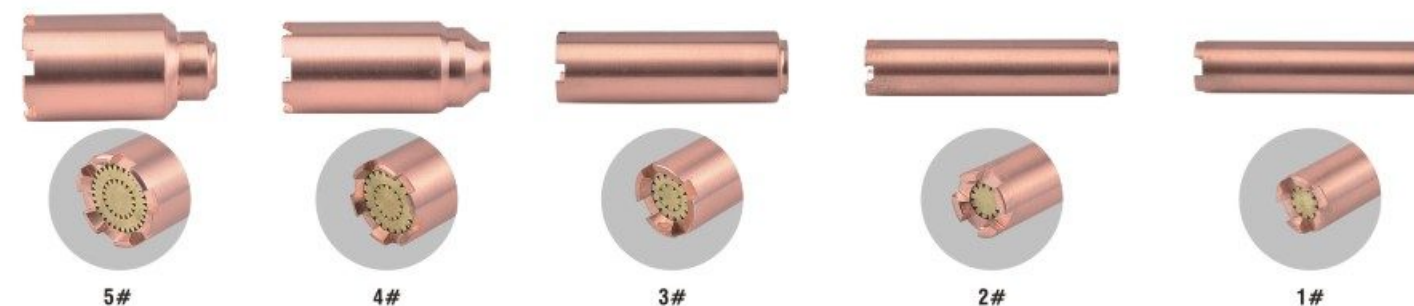
Order No	Model Sizes	200AC	
		Orifice (mm)	Connection thread
1C003-0013	2	0.4	
	4	0.8	
	6	1.0	
	9	1.2	
	12	1.4	

**1C003-0014** UW-1185 AHT

Order No	Model Sizes	AHT	
		Orifice (mm)	Connection thread
1C003-0014	25		1/2"-25
	50		
	100		

**1C003-0015** UW-1186 2290

Order No	Model Sizes	2290	
		Orifice (mm)	Connection thread
UW-1186	1H	10	7/16"-27
	2H	12	
	3H	22	
	4H	38	
	5H	50	



FLASHBACK ARRESTOR

HIGH EFFICIENCY
SAFETY



A flashback arrestor or flame arrestor is a device most commonly used in oxy-fuel welding and cutting to stop the flame from burning back up into the equipment and causing damage or explosions. The two main types are dry and wet. Each has its own advantages and disadvantages. Most oxy-fuel flashback arrestors are the dry type.

FLASHBACK ARRESTOR

UWELD[®] PROFESSIONAL
WELDING & CUTTING
EQUIPMENT

H188 for Torch Handle

Features:
Filter protect the flashback arrestor from dirty particles.
Non-return valve.
Max flow: Oxygen: 7000Lt./H Acetylene: 2600Lt./H.
Max working pressure: Oxygen: 10Bar Acetylene: 1.5Bar Fuel gas: 5Bar.

Specifications

Model	Gas	For	Max.Flow Lt/H	Max. Inlet Pressure(bar)	Inlet	Outlet
H188-R	OXYGEN	Torch	7000	10	9/16"x18 R.H.	9/16"x18 R.H.
H188-L	FUEL GAS		2600	1.5	9/16"x18 L.H.	9/16"x18 L.H.
H188-RGB	OXYGEN	Torch	7000	10	BSP 3/8" R.H.	BSP 3/8" R.H.
H188-LGB	FUEL GAS		2600	1.5	BSP 3/8" L.H.	BSP 3/8" L.H.
H188-AR	OXYGEN	Torch	7000	10	5/8"x18 R.H.	5/8"x18 R.H.
H188-AL	FUEL GAS		2600	1.5	5/8"x18 L.H.	5/8"x18 L.H.
H188-RA	OXYGEN	Torch	7000	10	BSP 1/4" R.H.	BSP 1/4" R.H.
H188-LA	FUEL GAS		2600	1.5	BSP 1/4" L.H.	BSP 1/4" L.H.



1C007-0001 UW-1301



1C007-0002 UW-1302
288 for Regulator



1C007-0003 UW-1303
B288 for Regulator



1C007-0004 UW-1304
688 for Torch

Features:
Flame arrestor.Non-return valve.
Filter protect the flashback arrestor from dirty particles.
Prevent the transmission of flame of backfire or flashback upstream from the blow-pipe passing through the flashback arrestor into the equipment connected.
Max flow: Oxygen: 7000Lt./H Acetylene: 2600Lt./H

Specifications

Model	Gas	For	Max.Flow Lt/H	Max. Inlet Pressure(bar)	Inlet	Outlet
288-R	OXYGEN	Regulator	7000	10	9/16"x18 R.H.	9/16"x18 R.H.
288-L	FUEL GAS		2600	1.5	9/16"x18 L.H.	9/16"x18 L.H.
B288-RGB	OXYGEN	Regulator	7000	10	BSP 3/8" R.H.	BSP 3/8" R.H.
B288-LGB	FUEL GAS		2600	1.5	BSP 3/8" L.H.	BSP 3/8" L.H.
688-R	OXYGEN	Regulator	7000	10	BSP 3/8" R.H.	BSP 3/8" R.H.
688-L	FUEL GAS		2600	1.5	BSP 3/8" L.H.	BSP 3/8" L.H.



1C007-0005 UW-1305

388 Cartridge type Flashback Arrestors**Specifications**

Model	Gas	For	Max.Flow Lt/H	Max. Inlet Pressure(bar)	Inlet	Outlet
388-R	OXYGEN	Hose	7000	10	Φ8mm Hose	Φ8mm Hose
388-L	FUEL GAS		2600	1.5	Φ8mm Hose	Φ8mm Hose



1C007-0006 UW-1306

588 Cartridge type Flashback Arrestors**Specifications**

Model	Gas	For	Max.Flow Lt/H	Max. Inlet Pressure(bar)	Inlet	Outlet
588-R	OXYGEN	Hose	7000	10	Φ8mm Hose	Φ8mm Hose
588-L	FUEL GAS		2600	1.5	Φ8mm Hose	Φ8mm Hose



1C007-0007 UW-1307

488 For Torch/Regulator**Specifications**

Model	Gas	For	Max.Flow Lt/H	Max. Inlet Pressure(bar)	Inlet
488-R	OXYGEN	Torch Regulator	7000	10	9/16"x18 R.H.
488-L	FUEL GAS		2600	1.5	9/16"x18 L.H.



1C007-0008 UW-1308



1C007-0009 UW-1309

FB 11 Flashback Arrestor

Model	Gas	For	Inlet	Outlet
FB11-R	OXYGEN	Torch	9/16"x18 R.H.	9/16"x18 R.H.
FB11-L	FUEL GAS		9/16"x18 L.H.	9/16"x18 L.H.

88-3 Check Valve

Model	Gas	For	Inlet	Outlet
88-3-R	OXYGEN	Torch Regulator	9/16"x18 R.H.	9/16"x18 R.H.
88-3-L	FUEL GAS		9/16"x18 L.H.	9/16"x18 L.H.



1C007-0010 UW-1310

384 Type Flashback Arrestor

Model	Gas	For	Max.Flow Lt/H	Max. Inlet Pressure (bar)	Inlet	Outlet
384	OXYGEN	Torch	7000	10	9/16"x18 R.H.	9/16"x18 R.H.
	FUEL GAS		2600	1.5	9/16"x18 L.H.	9/16"x18 L.H.
	OXYGEN	Torch	7000	10	BSP 3/8" R.H.	BSP 3/8" R.H.
	FUEL GAS		2600	1.5	BSP 3/8" L.H.	BSP 3/8" L.H.



1C007-0011 UW-1311

390 Type Flashback Arrestor

Model	Gas	For	Max.Flow Lt/H	Max. Inlet Pressure (bar)	Inlet	Outlet
390	OXYGEN	Regulator	7000	10	9/16"x18 R.H.	9/16"x18 R.H.
	FUEL GAS		2600	1.5	9/16"x18 L.H.	9/16"x18 L.H.
	OXYGEN	Regulator	7000	10	BSP 3/8" R.H.	BSP 3/8" R.H.
	FUEL GAS		2600	1.5	BSP 3/8" L.H.	BSP 3/8" L.H.



1C007-0012 UW-1314



1C007-0013 UW-1315



1C007-0014 UW-1316



1C007-0015 UW-1317



Torch Flashback Arrestor

1C007-0016 UW-1318

- Provides for fast, reliable and positive connections and quick disconnection for torches, hoses and regulators.
- All models are color-coded for gas service for added safety (Oxygen/Green, Fuel Gases/Red, Inert Gases/Blue).
- Oxy/Fuel Gas models included integral reverse flow Check Valve.
- Quick Connects fit all B-Size welding and cutting equipment.
- Brass construction provides long service life.
- Non-interchangeable oxygen and fuel Gas connections.
- Double seal socket connection on second seal provides added safety protection.

Model	Gas	Max.Flow(Lt/H)	Max.Intel Pressure(bar)	For	Inlet Connection
UW-1314	Oxygen	7000	10	Torch	9/16" - 18 R.H.
UW-1316	Acetylene	2600	1.5	Torch	9/16" - 18 L.H.
UW-1315	Oxygen	7000	10	Regulator	9/16" - 18 R.H.
UW-1317	Acetylene	2600	1.5	Regulator	9/16" - 18 L.H.
UW-1318	Oxygen	7000	10	Torch	9/16" - 18 R.H.
	Acetylene	2600	1.5		9/16" - 18 L.H.



1C007-0017 UW-1312



1C007-0018 UW-1313

Brazil Type Flashback Arrestor

Model	Gas	Max.Flow(Lt/H)	Max.Intel Pressure(bar)	For	Inlet Connection
UW-1312	Oxygen	7000	10	Torch	9/16" - 18 R.H.
	Acetylene	2600	1.5		9/16" - 18 L.H.
UW-1313	Oxygen	7000	10	Regulator	9/16" - 18 R.H.
	Acetylene	2600	1.5		9/16" - 18 L.H.

Flashback arrestors are used to protect single cylinders, outlet points or pipelines and can be used for almost all technical gases. The flashback arrestors are mountable in any orientation and are available with all connections and in brass. High-quality materials and filters in the gas inlet provide long service life of flashback arrestors.

- Sintered metal flame arresting filter quenches the flame from severe flashbacks.
- Spring loaded non-return valve to prevent slow or sudden gas reverse flow.
- A flashback in the opposite direction to the flow is stopped and extinguish here.



1C007-0019



1C007-0020

Gas	Max.Flow(Lt/H)	Max.Intel Pressure(bar)	For	Inlet Connection
Oxygen	7000	10	Torch	9/16" - 18 R.H.
Acetylene	2600	1.5		9/16" - 18 L.H.
Oxygen	7000	10	Regulator	9/16" - 18 R.H.
Acetylene	2600	1.5		9/16" - 18 L.H.

Gas	Max.Flow(Lt/H)	Max.Intel Pressure(bar)	For	Inlet Connection
Oxygen	7000	10	Torch	9/16" - 18 R.H.
Acetylene	2600	1.5		9/16" - 18 L.H.
Oxygen	7000	10	Regulator	9/16" - 18 R.H.
Acetylene	2600	1.5		9/16" - 18 L.H.

GAS REGULATOR

Functional
Sturdy and durable
Accurate

REGULATOR

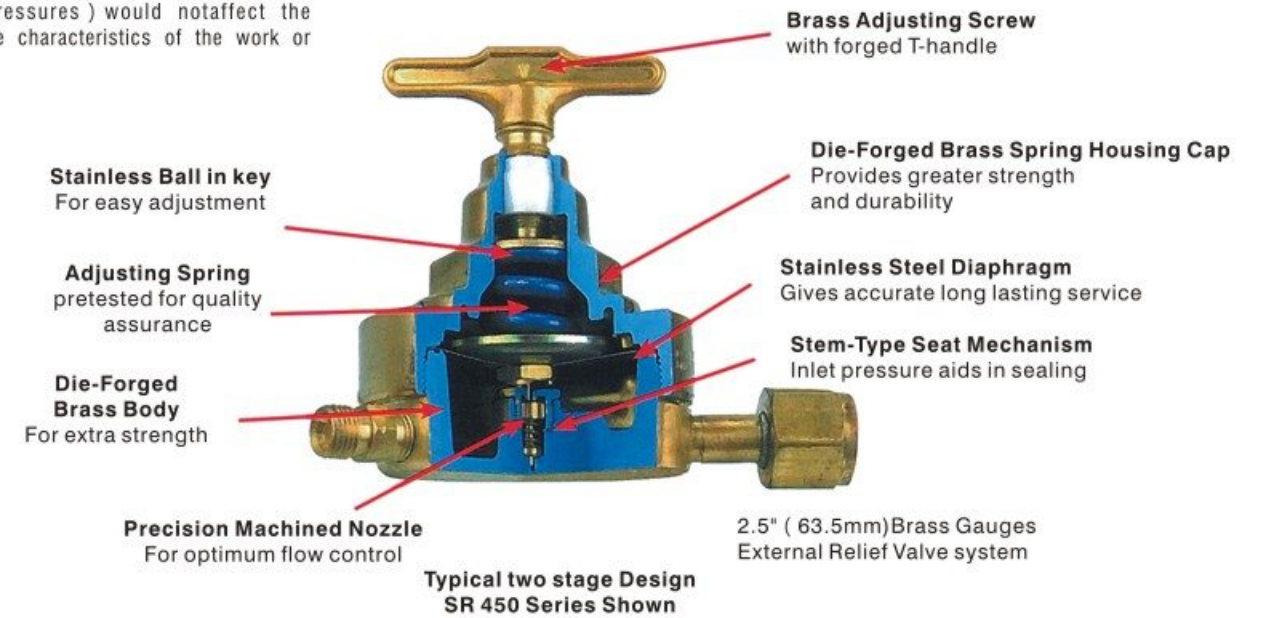
It is imperative to avoid contamination of oxygen regulators with hydrocarbons, oil, grease, dust, dirt, or any other foreign matter. High pressure oxygen coming in contact with contamination of this type can cause explosions or extremely rapid burning fires resulting in equipment damage, personal injury, or both.

Before attaching any oxygen regulator to a supply valve, be sure that regulator inlet connection, inlet filter, valve outlet, and all other connections are clean and free of oil, grease, or other contaminants. Prior to opening the oxygen cylinder valve, ensure that the regulator pressure adjusting screw is backed out. Do not handle oxygen regulators with oily hands and NEVER apply oil to any part of an oxygen regulator.

Pressure should be measured at the torch inlet with gases flowing in order to verify that sufficient gas flow is available for safe, efficient cutting operation. Pressure gauges can be attached to the torch handle inlets to measure oxygen and fuel gas pressure. Measurements should be made with the torch lit and gases flowing.

Single stage Regulator

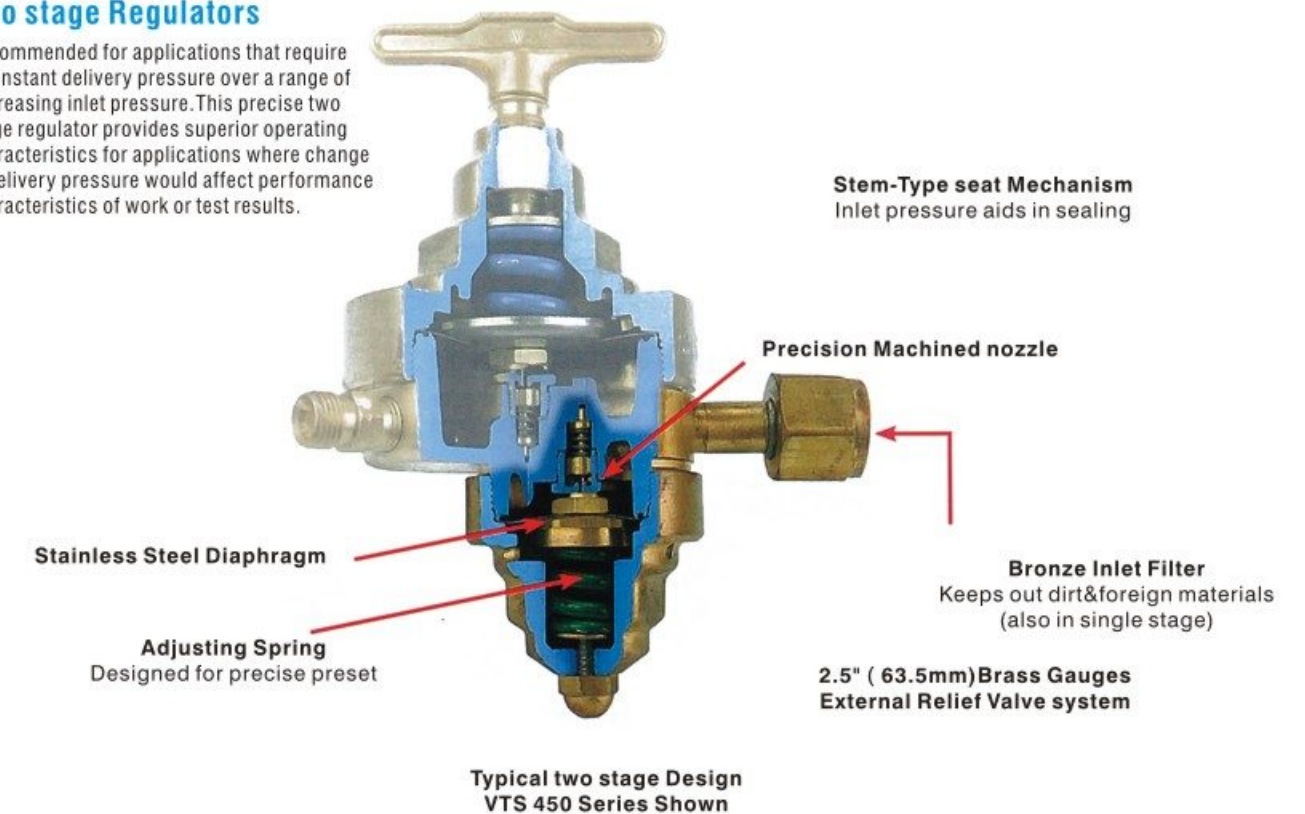
Recommended for applications where slight delivery pressure increases (due to decreasing cylinder pressures) would not affect the performance characteristics of the work or test results.



Two stage regulator add the following in addition to the features listed above

Two stage Regulators

Recommended for applications that require a constant delivery pressure over a range of decreasing inlet pressure. This precise two stage regulator provides superior operating characteristics for applications where change in delivery pressure would affect performance characteristics of work or test results.





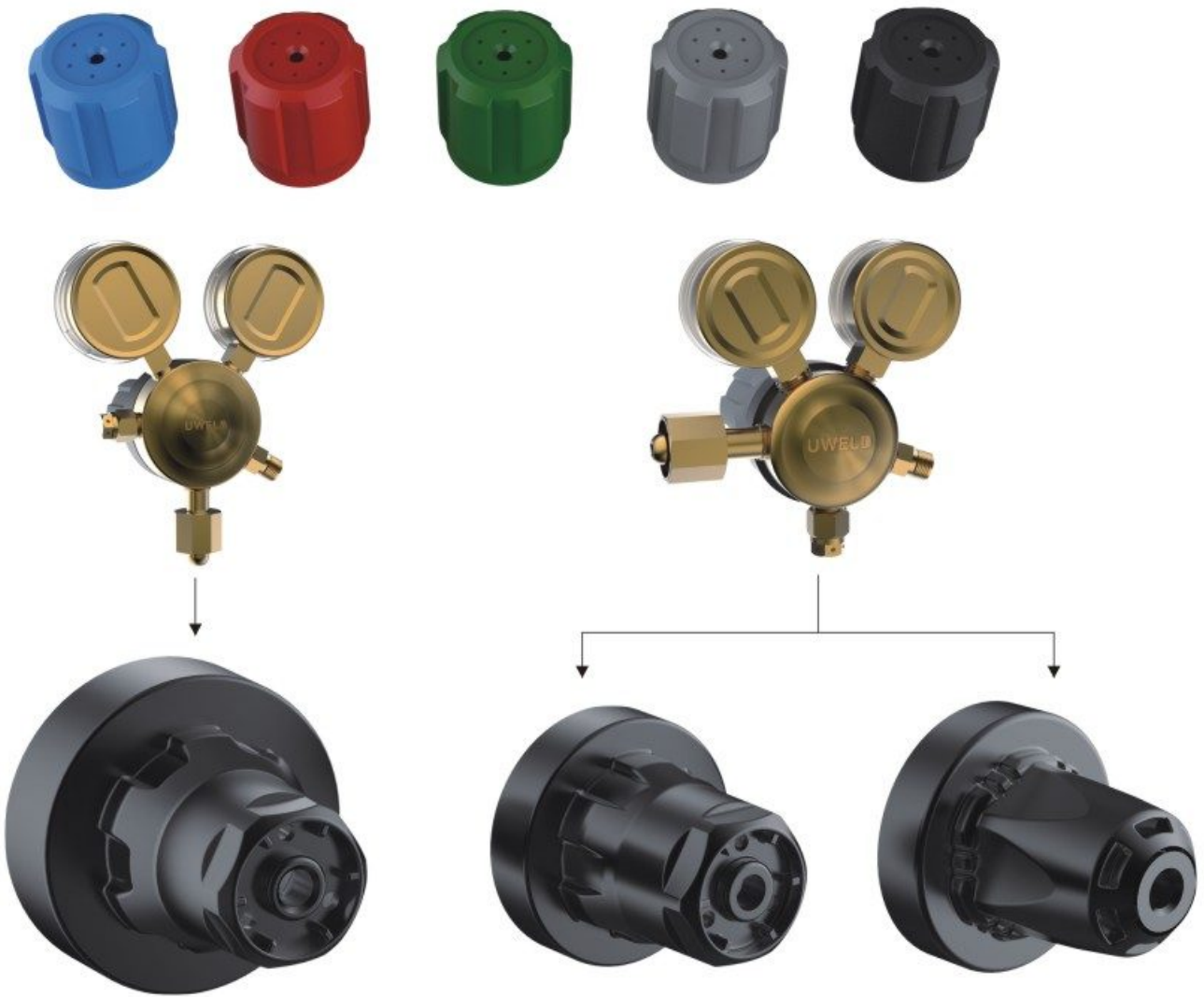
POSEIDON

Proudly designed and developed by UWELD R&D division.

- Offers excellent quality and performance for use with most light to medium applications.
- Utilizing high quality processes and components, and maintaining high quality manufacturing practices.
- Provides safe and accurate control of pressures adjustment.
- Diaphragm is highly protected against falshback.
- Robust, failsafe and accurate pressure gauges.
- Zinc alloy housing cap for corrosion resistance as well as durability.
- Captive control knob prevents loss and tampering.
- Same external relief valves ensure more safety during operation .
- Color coded for different gas identification.
- Side entry design.
- Connection of other thread sizes available.

Spectifications:

Gas	Max Inlet Pressure(Kpa)	Max Outlet Pressure(Kpa)	Inlet Connection	Outlet Connection
Oxygen	30000	800	CGA540	9/16"-18 RH
Acetylene	4000	150	CGA510	9/16"-18 LH



POSEIDON

1C008-0288

Heavy Duty Regulator

- Features:
- Proudly designed and developed by UWELD R&D division.
 - Offers excellent quality and performance for use with most light to medium applications.
 - Utilizing high quality processes and components, and maintaining high quality manufacturing practices.
 - Provides safe and accurate control of pressures adjustment.
 - Diaphragm is highly protected against falshback.

Spectifictions:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0288	Oxygen	3000	250	CGA540	9/16 " -18
	Acetylene	400	15	CGA300	9/16 " -18



1C008-0289

Medium Duty Regulator

- Features:
- Same external relief valves ensure more safety during operation .
 - Color coded for different gas identification.
 - Bottom entry design.
 - Connection of other thread sizes available.

Spectifictions:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0289	Oxygen	200	12.5	CGA540	9/16"-18RH
	Acetylene	20	1.5	CGA510	9/16"-18LH



1C008-0290

Medium Duty Regulator

- Features:
- Proudly designed and developed by UWELD R&D division.
 - Provides safe and accurate control of pressures adjustment.
 - Diaphragm is highly protected against falshback.
 - Robust, failsafe and accurate pressure gauges.
 - Zinc alloy housing cap for economic purpose as well as durability.
 - Captive control knob prevents loss and tampering.

Spectifictions:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0290	Oxygen	200	12.5	CGA540	9/16"-18RH
	Acetylene	20	1.5	CGA510	9/16"-18LH



POSEIDON

1C008-0291

Heavy Duty Regulator

- Features:
- Proudly designed and developed by UWELD R&D division.
 - Offers excellent quality and performance for use with most light to medium applications.
 - Utilizing high quality processes and components, and maintaining high quality manufacturing practices.
 - Provides safe and accurate control of pressures adjustment.
 - Diaphragm is highly protected against falshback.

Spectifictions:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0291	Oxygen	3000	250	CGA540	9/16 " -18
	Acetylene	400	15	CGA300	9/16 " -18



1C008-0292

Medium Duty Regulator

- Features:
- Same external relief valves ensure more safety during operation .
 - Color coded for different gas identification.
 - Bottom entry design.
 - Connection of other thread sizes available.

Spectifictions:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0292	Oxygen	200	12.5	CGA540	9/16"-18RH
	Acetylene	20	1.5	CGA510	9/16"-18LH



1C008-0293

Medium Duty Regulator

- Features:
- Proudly designed and developed by UWELD R&D division.
 - Provides safe and accurate control of pressures adjustment.
 - Diaphragm is highly protected against falshback.
 - Robust, failsafe and accurate pressure gauges.
 - Zinc alloy housing cap for economic purpose as well as durability.
 - Captive control knob prevents loss and tampering.

Spectifictions:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0293	Oxygen	200	12.5	CGA540	9/16"-18RH
	Acetylene	20	1.5	CGA510	9/16"-18LH



1C008-0001 UW-1401

Heavy Duty Regulator



- 1 Brass adjusting screw with forged t-handle
- 2 Delrin insert burshing for durability,easier adjusting
- 3 Stainless steel diaphragm gives accurate long lasting service
- 4 Stem-type seat mechanism inlet pressure aids in sealing
- 5 Die-forged brass body for extra strength
- 6 Precision machined nozzle for optimum flow control
- 7 Stainless ball in key for easy adjustment
- 8 Adjusting spring pretested for quality assurance

Features:

- Single stage construction.
- Forged brass body & bonnet for m 2.5" (63.5MM)
- Stainless steel diaphragm.
- Oxygen regulator with safety relif valve is set for safe operation.
- Sintered metal inlet filter to trap impurities.
- No soldered joints, for easy maintenance.
- Side entry.
- Connection of other thread sizes available.

Spectifictions:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0001	Oxygen	3000	250	CGA540	9/16"-18
	Acetylene	400	15	CGA510	9/16"-18LH
	Propane	400	125	CGA510	9/16"-18LH
	Argon	3000	200	CGA580	9/16"-18



1C008-0003 UW-12-1401

Big Flow Regulator

Features:

- The single stage decompression structure.
- The inlet pipe is equipped with a sintered bronze filter.
- The provided with external type safety valve.
- Outline size: 200mm * 160mm * 100mm.



Spectifictions:

Model No	Gas	Max Inlet Pressure	Max Outlet Pressure	Inlet Connection	Outlet Connection
1C008-0003		(bar)	(bar)		
	Oxygen	230	10	CGA540	9/16 " -18RH(M)
	Acetylene	15	1.5	CGA510/300	9/16 " -LH(M)
	Propane	15	1	CGA510	9/16 " -18RH(M)
	Argon	230	10	CGA580	9/16 " -18RH(M)

1C008-0002 UW-1401-A

Heavy Duty Regulator

Features:

- Single stage construction.
- Forged brass body & bonnet for maximum strength.
- Stainless steel diaphragm.
- Oxygen regulator with safety relif valve is set for safe operation.
- Sintered metal inlet filter to trap impurities.
- No soldered joints, for easy maintenance.
- Side entry.
- Connection of other thread sizes available.
- With steel gauge guard green for oxygen.
- With steel gauge guard red for acetylene.

Spectifictions:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0002	Oxygen	3000	250	CGA540	9/16"-18
	Acetylene	400	15	CGA510	9/16"-18LH
	Propane	400	125	CGA510	9/16"-18LH
	Argon	3000	200	CGA580	9/16"-18



1C008-0004 UW12-1402

Pipeline Regulator

Features:

- Forged brass body and housing cap.
- Single-stage construction.
- Stem-type seat assembly for more reliable performance.
- 2" gauge for easy reading.

Spectifictions:

Model No	Gas	Max Inlet Pressure	Max Outlet Pressure	Inlet Connection	Outlet Connection
1C008-0003		(bar)	(bar)		
	Oxygen	230	10	CGA540	9/16 " -18RH(M)
	Acetylene	15	1.5	CGA510/300	9/16 " -LH(M)
	Propane	15	1	CGA510	9/16 " -18RH(M)
	Argon	230	10	CGA580	9/16 " -18RH(M)



1C008-0005 UW-1402

Medium Duty Regulator

- Features:**
- Single stage construction.
 - Forged brass body housing cap
 - Stem type seat mechanism
 - 1.75" diaphragm-fabric reinforced neoprene
 - Sintered inlet filter-bronze
 - Connection of other thread sizes available.

Spectifications:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0001	Oxygen	200	12.5	CGA540	9/16" -18
	Acetylene	20	1.5	CGA300	9/16" -18



1C008-0006 UW-1402-A

Medium Duty Regulator

- Features:**
- Single stage construction.
 - Designed for medium duty gas welding, cutting and heating applications
 - Forged brass body housing cap.
 - Stem type seat assembly for more reliable performance.
 - Sintered inlet filter-bronze.
 - Connection of other thread sizes available.

Spectifications:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0006	Oxygen	3000	250	CGA540	9/16"-18
	Acetylene	400	15	CGA510	9/16"-18LH
	Propane	400	125	CGA510	9/16"-18LH
	Argon	3000	200	CGA580	9/16"-18



1C008-0007 UW-1403

Light Duty Regulator

- Features:**
- Single stage construction.
 - Stainless steel diaphragm for accurate pressure delivery.
 - Delrin cap bushing for smooth adjustments.
 - Stem type seat assembly for more reliable performance.
 - Sintered inlet filter-bronze.
 - Connection of other thread sizes available.

Spectifications:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0007	Oxygen	230	10	CGA540	9/16"-18HR(M)
	Acetylene	20	1	CGA510/300	9/16"-18LH(M)
	Propane	20	1	CGA510	9/16"-18RH(M)
	Argon	230	10	CGA580	9/16"-18RH(M)



Heavy-Duty G350 Regulator

- Easy to read high contrast gauges for clarity. Scale and red tick mark to indicate actual service pressure.
- Color coded knobs indicate gas type. Designed for better comfort when adjusting gas pressure.
- High strength alloy bonnet with nearly twice the yield strength of brass.
- Lower profile regulator with less knob stickout.

Features:

- Meets or exceeds industry safety standards.
- Color coded knob indicates gas type, for better comfort when adjusting gas pressure..
- Specially contoured body design.
- High strength alloy bonnet with nearly twice the yeild strength of brass.
- Easy to read high contrast gauges for clarity.
- Connection of other thread sizes available.

Spectifications:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0001	Oxygen	3000	250	CGA540	9/16"-18
	Acetylene	400	15	CGA510	9/16"-18LH
	Propane	400	125	CGA510	9/16"-18LH
	Argon	3000	200	CGA580	9/16"-18



1C008-0008



1C008-0009

1C008-0010 UW-1409

Medium Duty Regulator

- Features:
- Premium stainless steel diaphragm.
 - One-piece encapsulated seat design with internal filter.
 - It features a tamper-proof, self-reseating internal HP safety valve and a one-piece encapsulated seat.
 - Full brass body, brass bonnet for durability.
 - Easy to read high contrast gauges for clarity.
 - Connection of other thread sizes available.

Spectifications:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0010	Oxygen	200	16	CGA540	9/16"
	Acetylene	20	1.5	CGA510	9/16"-LH
	Propane	20	1.5	CGA510	9/16"-LH
	Argon	200	16	CGA580	9/16"



1C008-0011 UW-1410

Medium Duty Regulator

- Features:
- Premium stainless steel diaphragm.
 - One-piece encapsulated seat design with internal filter.
 - It features a tamper-proof, self-reseating internal HP safety valve and a one-piece encapsulated seat.
 - Zinc alloy housing cap for corrosion resistance and durability.
 - Easy to read high contrast gauges for clarity.
 - Connection of other thread sizes available.

Spectifications:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0011	Oxygen	200	16	CGA540	9/16"
	Acetylene	20	1.5	CGA510	9/16"-LH
	Propane	20	1.5	CGA510	9/16"-LH
	Argon	200	16	CGA580	9/16"



1C008-0012 UW-1411

Medium Duty Regulator

- Features:
- Forged brass body for maximum strength, with chrome plated bonnet.
 - One-piece encapsulated seat design with internal filter.
 - Multi-scale gauge for clarity.
 - Large internal engineering ensures high gas floing stability.
 - Connection of other thread sizes available.

Spectifications:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0010	Oxygen	200	16	CGA540	9/16"
	Acetylene	20	1.5	CGA510	9/16"-LH
	Propane	20	1.5	CGA510	9/16"-LH
	Argon	200	16	CGA580	9/16"



Especially designed for standard readily available disposable oxygen cylinders. Supplied with low pressure gauge, enabling control of the flow rate. Captive control knob prevents loss and tampering. Connection of other thread sizes available. Features large scale gauges for 2-1/2" for easy readability. Equipped with an internal relife valve that prevents tampering wiith the regulator which could result in a serious accident. One-piece encapsulated seat design with an internal filter prevents contamination.



Spectifications:

Gas	Maximum Inlet (Psig)	Delivery Pressure Range (Psig)	Delivery Pressure Gauge (Psig)	Supply Pressure Gauge (Psig)	Inlet Connection	Outlet connection
Oxygen	3000	0-50	100	4000	CGA540	9/16"-18RH
Acetylene	300	0-30	15	400	CGA510	9/16"-18LH
Propane	500	0-50	100	400	CGA510P	9/16"-18LH

Single Stage High Pressure Regulator

Features:

- Machined brass body & housing cap.
- Ideally suited for heavy duty applications & for larger cylinders.
- Designed for those who has special demand for high outlet pressure.
- Front cover made of high grade PC enhances firmness of gauge against damage.
- Cartridge type seat assembly with PCTFE seat



1C008-0013 UW-1407

- Piston type actuation-brass.
- Sintered inlet filter-bronze.
- Delrin cap bushing for smooth adjustments.
- Connection of other thread sizes available.
- Body fully chrome plated available.



1C008-0015 UW-1408

Specifications:

Model No	Gas	Max Inlet Pressure(Bar/Psi)	Delivery Pressure	Working Pressure
1C008-0013	Oxygen	315/4500	70/1000	1400
	ARGON/NIT	315/4500	70/1000	1400
1C008-0015	HELIUM/AIR	315/4500	100/1400	1400
	Oxygen	315/4500	100/1400	1400

1C008-0016 UW-1412

300 Series British Type Regulator

Features:

- Solid forged brass body with all operational data permanently engraved.
- Unique encapsulated valve design for maximum control.
- Easy read gauge faces calibrated both in bar and psi.
- High strength bonnet to provide full 300 bar inlet capability.
- Solid bulkhead gauges with clear faces.
- Connection of other thread sizes available.

Specifications:

Model No	Gas	Max Inlet Pressure(bar)	Max Outlet Pressure(bar)	Inlet Connection	Outlet Connection
1C008-0016	Oxygen	230	10	G5/8"	G3/8"-RH
	Acetylene	20	1.5	G5/8"	G3/8"-LH



1C008-0019 UW-1415

Switzerland Type Regulator

Features:

- Solid forged brass body with all operational data permanently engraved.
- Available with working pressure up to 60 bar.
- With pipeaway facility fitted to safety valve for venting gases to atmosphere.
- Usual flow rate is 30 m3/h, for acetylene is 5 m3/h.
- Connection of other thread sizes available.



Specifications:

Model No	Gas	Working Pressure	Inlet Connection	Outlet Connection
1C019-0015	Oxygen	0-10	G5/8"	G3/8"
	Acetylene	0-1.5	G5/8"	G3/8"
	Propane	0-1.5	G5/8"	G3/8"

1C008-0020 UW-1418

I-08 Full Brass Regulator

Features:

- Ideal to fit welding machines MIG/MAG, which require robustness and high flow rates stability..
- An additional valve for fine control and convenience and ensures a high flow stability.
- Adjusting knob made of high grade PC provides smooth pressure adjustment.
- A very sturdy structure for a pressure reducer with bottom adjusting knob and side entry.
- Integrated safety valve and shut-off valve.
- Connection of other thread sizes available.

Specifications:

Model No	Gas	Max Inlet Pressure	Max Outlet Pressure	Inlet Connection	Outlet Connection
UW-1418		(bar)	(bar)		
	Oxygen	200	10	G5/8"-14	G1/4"-19
	Acetylene	25	1.5	Framework	G1/4"-19-LH
	Propane	25	1.5	W21.8-14	G1/4"-19
	CO ₂	200	10	W21.8-14	G1/4"-19



1C008-0021 UW-1419

I-08 Full Brass Regulator

Features:

- Solid forged brass body for durability.
- Comes with guard protection for both pressure gauges.
- Integrated safety valve and shut-off valve.
- Connection of other thread sizes available.

Specifications:

Model No	Gas	Max Inlet Pressure	Max Outlet Pressure
UW-1419		(bar)	(bar)
	Oxygen	200	10
UW-1420	Acetylene	30	1.5





1C008-0027 UW-1421-B Acetylene



1C008-0028 UW-1421-B Oxygen



1C008-0032 UW-1421 Oxygen



1C008-0033 UW-1422 Propane



1C008-0030 UW-1421-B Propane
Russia Type Regulators



1C008-0029 Helium



1C008-0034 UW-1425 Oxygen



1C008-0035 UW-1424 Propane

1C008-0016 UW-1412

Russian Type Medium Duty Regulator
Aluminim body

- Features:
- Suitable for various welding and cutting applications.
 - Body and cap forged class A brass ensures maximum strength.
 - Designed especially for Russian market.
 - Connection of other thread sizes available.

Specitfictions:

Model No	Gas	Max Inlet Pressure(Mpa)	Max Outlet Pressure(Mpa)	Inlet Connection	Outlet Connection
UW-1421-B	Oxygen	25	2.5	G3/4	M16 * 1.5
	Acetylene	4	0.4	Frame with screw	M16 * 1.5 LH
	Nitrogen	25	2.5	G7/8	M16 * 1.5
	Argon	50 l/min	25	CGA580	M16 * 1.5
	CO ₂	16	1	G3/4	M16 * 1.5
	Helium	25	1	G3/4	M16 * 1.5
	Propane	/	0.6	G7/8	M16 * 1.5 LH



1C008-0031 UW-1421-B CO₂

UW-1425

Russian Type Heavy Duty Regulator
Brass body

- Features:
- Full brass body and connection for durability.
 - Suitable for various heavy welding and cutting applications.
 - Body and cap forged class A brass ensures maximum strength.
 - Designed especially for Russian market.
 - Connection of other thread sizes available.

Specitfictions:

Model No	Gas	Max Inlet Pressure(Mpa)	Max Outlet Pressure(Mpa)	Inlet Connection	Outlet Connection
UW-1421 UW-1425	Oxygen	25	2.5	G3/4	M16 * 1.5
	Acetylene	4	0.4	Frame with screw	M16 * 1.5 LH
	Nitrogen	25	2.5	G7/8	M16 * 1.5
	Argon	50 l/min	25	CGA580	M16 * 1.5
	CO ₂	16	1	G3/4	M16 * 1.5
	Helium	25	1	G3/4	M16 * 1.5
UW-1422 UW-1424	Propane	/	0.6	G7/8	M16 * 1.5 LH



1C008-0036 UW-1421 Argon





1C008-0037 UW-1421-A



1C008-0038 UW-1421-C Oxygen



1C008-0039 UW-1421-C CO₂



1C008-0040 UW-1421-C Acetylene



1C008-0041 UW-1421-C Propane

UW-1421-C

Russian Type Light Duty Regulator

- Features:
- Aluminum body for less demanding welding industry.
 - Suitable for various welding and cutting applications.
 - Body and cap forged class A brass ensures maximum strength.
 - Designed especially for Russian market.
 - Connection of other thread sizes available.

Specifications:

Model No	Gas	Max Inlet Pressure(Mpa)	Max Outlet Pressure(Mpa)	Inlet Connection	Outlet Connection
UW-1421-C	Oxygen	25	2.5	G3/4	M16 * 1.5
	Acetylene	4	0.4	Frame with screw	M16 * 1.5 LH
	Nitrogen	25	2.5	G7/8	M16 * 1.5
	Argon	50 l/min	25	CGA580	M16 * 1.5
	CO ₂	16	1	G3/4	M16 * 1.5
	Helium	25	1	G3/4	M16 * 1.5
	Propane	/	0.6	G7/8	M16 * 1.5 LH



1C008-0042 UW-1431

YAT 800 Regulator

Specifications:

Model No	Gas	Max Inlet Pressure(bar)	Max Outlet Pressure(bar)	Inlet Connection	Outlet Connection
1C008-0042	Oxygen	200	12	G5/8"	G3/8"
	Acetylene	16	1	G5/8"	G3/8"
	Propane	16	1	G5/8"	G3/8"



1C008-0044 UW-1434

TA 90 Gas Regulator

- Pressure regulator with pressure and contents gauges.
- Integrated safety valve and shut-off valve.
- With screwed connector.
- Connections can be requested.

Specifications:

Model No	Gas	Max Inlet Pressure(bar)	Max Outlet Pressure(bar)	Inlet Connection	Outlet Connection
1C008-0044	Oxygen	250	12.5	G5/8"	G3/8"-19
	Acetylene	15	1	G5/8"	G3/8"-19-LH
	Propane	15	1	G5/8"	G3/8"-19-LH



1C008-0045 UW-1426



1C008-0046 UW-1427

Aluminum Body Regulator

- Pressure regulator with pressure and contents gauges.
- Integrated safety valve and shut-off valve.
- With screwed connector.
- Connections can be requested.

Specifications:

Model No	Gas	Max Inlet Pressure(bar)	Max Outlet Pressure(bar)	Inlet Connection	Outlet Connection
1C008-0045	Oxygen	250	25	G5/8"	G3/8"
1C008-0046	Acetylene	16	1	G5/8"	G3/8"
	Propane	16	1	G5/8"	G3/8"

1C008-0092

NITROGEN REGULATOR

Delivery pressure 0-400 psi
CGA580 inlet connection, 1/4 inch male flare outlet connection and easy to read 2 inch gauges with protective rubber gauge boots
Durable brass piston designed diaphragm, self re-seating relief valve (not designed to protect downstream system)
Large brass T handle with stainless steel pressure adjusting screw and regulator bushing that prevents galling
Regulator can be used with CO₂



- Features:
- Especially designed for HVAC-R technician.
 - Purging and pressure testing regulators.
 - Piston actuated seat for durability.
 - Easy-to-Read single scale 2" gauges.
 - T-Handle for ease of pressure adjustment.
 - Porous metal inlet filter.
 - Fine mesh filter screen between inlet and seat.
 - Protective rubber gauge boots.
 - Connection of other thread sizes available.

Spectifications:

Model No	Gas	Max Inlet Pressure	Max Outlet Pressure	Inlet Connection	Outlet Connection
1C008-0092		psi	psi		
	Nitrogen	25	600	CGA 580	1/4" Flare (M)

1C008-0093

Single stage construction



- Features:
- Forged brass body for maximum strength.
 - Chrome bonnet.
 - Neoprene diaphragms.
 - Sintered metal inlet filter to trap impurities.
 - Accurate regulator for gas flow.
 - No soldered joints, for easy maintenance.
 - Side entry (Vertical optional).
 - MIG/TIG applications for light to medium duty.

Spectifications:

Model No	Gas	Max Inlet Pressure	Max Outlet Pressure	Inlet Connection	Outlet Connection
1C008-0093		1/min	1/min		
	Nitrogen	4000	200	CGA 580	1/4" Flare (M)

Medium Duty Regulator

- Features:
- Forged brass body for maximum strength and safety.
 - Large internal engineering ensures high gas floing stability.
 - Connection of other thread sizes available.
 - Multi-scale gauge for clarity.
 - Adjusting knob made of high grade PC provides smooth pressure adjustment.



1C008-0048



1C008-0049

Spectifications:

Model No	Gas	Max Inlet Pressure(Bar/Psi)	Max Outlet Pressure	Inlet Connection	Outlet Connection
1C008-0048	Oxygen	3000	200	CGA540	9/16",G3/8"
1C008-0049	Acetylene	400	15	CGA510	9/16"-LH,G3/8-LH
	Propane	400	40	CGA510	9/16"-LH,G3/8-LH

1C008-0050

- Features:
- Single Stage design.
 - Forged brass body .
 - Zinc-Aluminum housing cap.
 - Stem type seat mechanism.
 - Diaphragm-fabric reinforced neoprene.
 - External self reseating relief valve.
 - Comfortable and ergonomic knob.

Spectifications:

Model No	Gas	Max Inlet Pressure(Bar/Psi)	Max Outlet Pressure	Inlet Connection	Outlet Connection
1C008-0050	Oxygen	3000	200	CGA540	9/16",G3/8"
	Acetylene	400	15	CGA510	9/16"-LH,G3/8-LH
	Propane	400	40	CGA510	9/16"-LH,G3/8-LH



AFROX Style Regulator

- Features:
- Designed for heavy duty gas welding and cutting operations.
 - Full brass body with zinc alloy bonnet.
 - Multi-scale gauge for clarity.
 - Adjusting knob made of high grade PC provides smooth pressure adjustment.
 - Connection of other thread sizes available.



Specifications:

Model No	Gas	Max Inlet Pressure	Max Outlet Pressure	Inlet Connection	Outlet Connection
1C008-0053 1C008-0054		Kpa	Kpa		
	Oxygen	30000	3000	G5/8"	G3/8"
	Acetylene	4000	220	G5/8" LH	G3/8" LH

Z-70 Full Brass Regulator

- Features:
- Full Brass Regulator.
 - Oxygen- Safety relief valve is set for safety.
 - Connections can be requested.
 - Packing with foam inner box.



Specifications:

Model No	Gas	Max Inlet Pressure	Max Outlet Connection	Inlet Connection
1C008-0057		(bar)	(bar)	
	Oxygen	230	10	W21.8-14
	Acetylene	30	1.5	W21.8-14-LH

1C008-0058 UW-1439

Medium Duty Regulator

- Features:
- Offers excellent quality and performance for use with most light to medium applications.
 - Diaphragm is highly protected against flashback.
 - Robust, failsafe and accurate pressure gauges.
 - Factory set maximum delivery pressure.
 - Captive control knob prevents loss and tampering.
 - Color coded for different gas identification.
 - Bottom entry design.
 - Connection of other thread sizes available.

Specifications:

Model No	Gas	Max Inlet Pressure(bar)	Max Outlet Pressure(bar)	Inlet Connection	Outlet Connection
1C008-0058	Oxygen	230	10	G5/8"-14	G3/8"-19
	Acetylene	20	1.5	G5/8"-14-LH	G3/8"-19-LH



1C008-0059 UW-1441

- Other gases can be requested.
- Pressure regulator with pressure and contents gauges.
- Integrated safety valve and shut-off valve.
- With screwed connector.
- Connections can be requested.

Specifications:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0059	Oxygen	230	10	G5/8"	G3/8"-RH
	Acetylene	20	1.5	G5/8"	G3/8"-LH



1C008-0060 UW-1442

Medium Duty Regulator

- Designed for general gas welding and cutting purposes.
- Body is machined from high quality brass bar stock for maximum strength.
- No soldered parts for easy maintenance.
- Safety external relief valve for oxygen regulator.
- Sufficient oxygen flow to cut up to 200mm thickness of steel.
- Connection of other thread sizes available.

Specifications:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0060	Oxygen	300	10	G5/8"	G3/8"-RH
	Acetylene	25	1.5	G5/8"	G3/8"-LH



Bossweld Type Twin Gauge Argon/CO₂ Gas Regulator

Bossweld Type Argon CO₂ regulators are designed for use with TIG and MIG welding processes. Giving the welder accurate and precise flow control.

Features

- No soldered joints
- Safety relief valve
- Tough perspex lens
- Easy to read gauges colour coded gauges



1C008-0061



1C008-0062 UW-1439-A
Heavy Duty Regulator

Specifications:

Model No	Gas	Max Inlet Pressure(Psi)	Max Outlet Pressure(Psi)	Inlet Connection	Outlet Connection
1C008-0059	Oxygen	230	10	G5/8"-14	G3/8"-19
	Acetylene	20	1.5	G5/8"-14-LH	G3/8"-19-LH

1C008-0063

Medium Duty Regulator

- Offers excellent quality and performance for use with most light to medium applications.
- Diaphragm is highly protected against falshback.
- Robust, failsafe and accurate pressure gauges.
- Factory set maximum delivery pressure.
- Captive control knob prevents loss and tampering.
- Color coded for different gas identification.
- Side entry design.
- Connection of other thread sizes available.



Specifications:

Model No	Gas	Max Inlet Pressure(kpa)	Max Outlet Pressure(Psi)	Inlet Connection
1C008-0059	Oxygen	30000	800	G5/8"
	Acetylene	4000	150	G5/8"-LH

1C008-0268

- Offers excellent quality and performance for use with most light to medium applications.
- Diaphragm is highly protected against falshback.
- Robust, failsafe and accurate pressure gauges.
- Factory set maximum delivery pressure.
- Captive control knob prevents loss and tampering.
- Color coded for different gas identification.
- Side entry design.
- Connection of other thread sizes available.



Specifications:

Model No	Gas	Inlet Gauge range	Outlet Gauge Range	Max Outlet Pressure	Inlet Connection	Outlet Connection
1C008-0268		Kpa	Kpa	Kpa		
	Oxygen	30000	1600	800	G5/8" BSP RH	G3/8" BSP RH
	Acetylene	4000	300	150	G5/8" BSP LH	G3/8" BSP LH
	LP Gas		600	400	CGA 510	5/8"-18 UNF LH

1C008-0269

Medium Duty Regulator

- Offers excellent quality and performance for use with most light to medium applications.
- Diaphragm is highly protected against falshback.
- Robust, failsafe and accurate pressure gauges.
- Factory set maximum delivery pressure.
- Captive control knob prevents loss and tampering.
- Color coded for different gas identification.
- Bottom entry design.
- Connection of other thread sizes available.



Specifications:

Model No	Gas	Inlet Gauge range	Outlet Gauge Range	Max Outlet Pressure	Inlet Connection	Outlet Connection
1C008-0269		Kpa	Kpa	Kpa		
	Oxygen	30000	1600	800	G5/8" BSP RH	G3/8" BSP RH
	Acetylene	4000	300	150	G5/8" BSP LH	G3/8" BSP LH

1C008-0064 UW-1443

Multi stage regulator

Two-stage regulators are designed to lower the high pressure in two stages. Exceptionally well suited for high pressure cylinder applications with long duration. Require less readjustment and provide a more constant delivery pressure despite changes in inlet pressure. These regulators incorporate all components of a single stage regulator. They also contain an additional stage to include a second pressure adjusting spring, diaphragm, and valve seat assembly. The first stage is not user adjustable. The pressure adjusting spring is "pre-compressed" at the factory. This allows the first stage to feed pressure to the second (adjustable) stage. The two-step pressure reduction produces a final delivery pressure showing little effect from changes in cylinder pressure.



Specifications:

Model No	Gas	Max Inlet Pressure (bar)	Max Outlet Pressure (bar)	Inlet Connection	Outlet Connection
UW-1443	Oxygen	230	10	G5/8" CGA540	3/8" 9/16"
	Acetylene	20	1	G5/8" CGA510	3/8" 9/16"

1C008-0068 UW-1443-A

Multi stage regulator



Specifications:

Model No	Gas	Max Inlet Pressure (bar)	Max Outlet Pressure (bar)	Inlet Connection	Outlet Connection
UW-1443-A	Oxygen	230	10	G5/8" CGA540	3/8" 9/16"
	Acetylene	20	1.5	G5/8" CGA510	3/8" 9/16"

FULL BRASS BODY LIGHT DUTY REGULATORS



1C008-0069 UW-1446-C



1C008-0070 UW-1446-D

Features:

- 1-5/8" tri-layered reinforced neoprene diaphragm.
- Mechanical stem type seat.
- Rear inlet cylinder connection.
- Brass T-Handle or forged brass adjusting screw with locking retaining ring.
- Porous metal inlet filter.
- Blow off disc type pressure relief (on RO) for low pressure gauge protection only.
- protective rubber gauge boots.

Specifications:

Model No	Gas	Max Inlet Pressure (bar)	Max Outlet Pressure (bar)	Inlet Connection	Outlet Connection
UW-1446-C UW-1446-D	Oxygen	230	10	G5/8" CGA540	3/8" 9/16"
	Acetylene	20	1	G5/8" CGA510	3/8" 9/16"

FULL BRASS BODY LIGHT DUTY REGULATORS



1C008-0071



UW-1446



1C008-0072



1C008-0073



UW-1446-A



1C008-0074

- Features:**
- Single Stage construction.
 - Machined Brass body & housing cap.
 - Sintered metal inlet filter to trap impurities.
 - No soldered joints, for easy maintenance.
 - Rear entry.

Spectifictions:

Model No	Gas	Max Inlet Pressure (bar)	Max Outlet Pressure (bar)	Delivery Pressure (bar)
UW-1446	Oxygen	0-315	5.6	0-7
UW-1446-A	Acetylene	0-28	1.4	0-2
	Propane	0-28	1.4	0-2



1C008-0077



UW-1446-B

1C008-0078



1C008-0079



UW-1446-E

1C008-0080

Mini Regulator

- Features:**
- Especially designed for standard readily available disposable oxygen cylinders.
 - Supplied with low pressure gauge, enabling control of the flow rate.
 - Captive control knob prevents loss and tampering.
 - Color coded for different gas identification.
 - Back entry design.
 - Connection of other thread sizes available.



1C008-0081

Heavy Duty Regulator

Features:

- Offers more natural and safer hand/body positioning for adjusting delivery pressure.
- Housing cap constructed of a zinc-aluminum alloy which has nearly twice the yield strength of brass.
- Construction materials have been carefully chosen for optimum durability.
- Outstanding flow performance provides better flow control across a full range of cylinder pressures.
- 1.5" (38.1mm) gauge brass.
- 2.7" (68.6mm) diaphragm, fabric reinforced neoprene.
- Stem type seat mechanism.
- External self reseating relief valve in high pressure models.
- High impact ABS gauge guard.
- Connection of other thread sizes available.



Specifications:

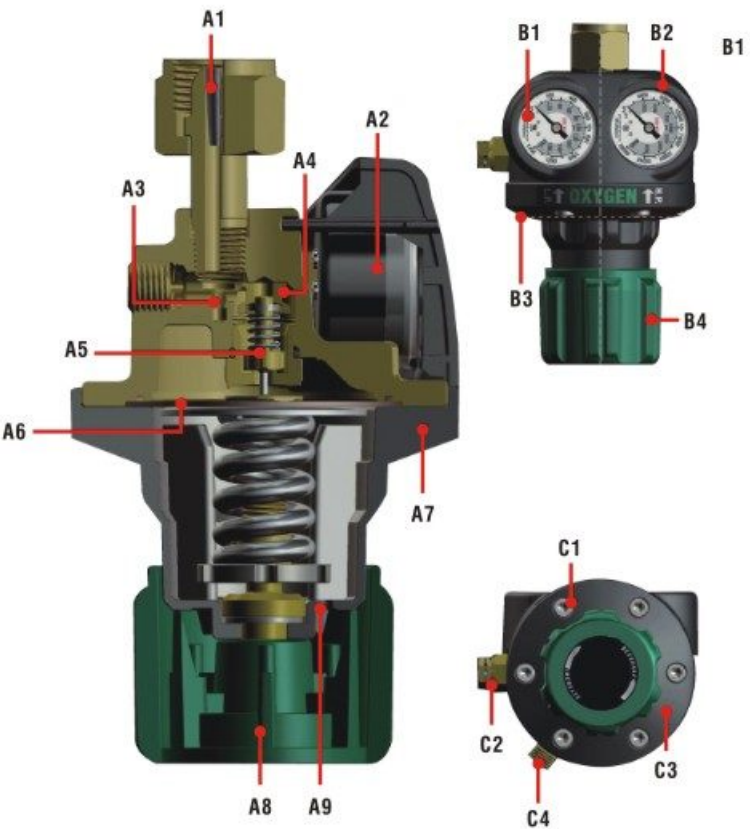
Model No	Gas	Max Inlet Pressure (Bar/Psi)	Max Outlet Pressure	Inlet Connection	Outlet Connection
1C008-0081	Oxygen	3000	200	CGA540	9/16", G3/8"
	Acetylene	400	15	CGA510	9/16"-LH, G3/8-LH
	Propane	400	40	CGA510	9/16"-LH, G3/8-LH

Medium Duty Regulator



1C008-0082

UW-1494



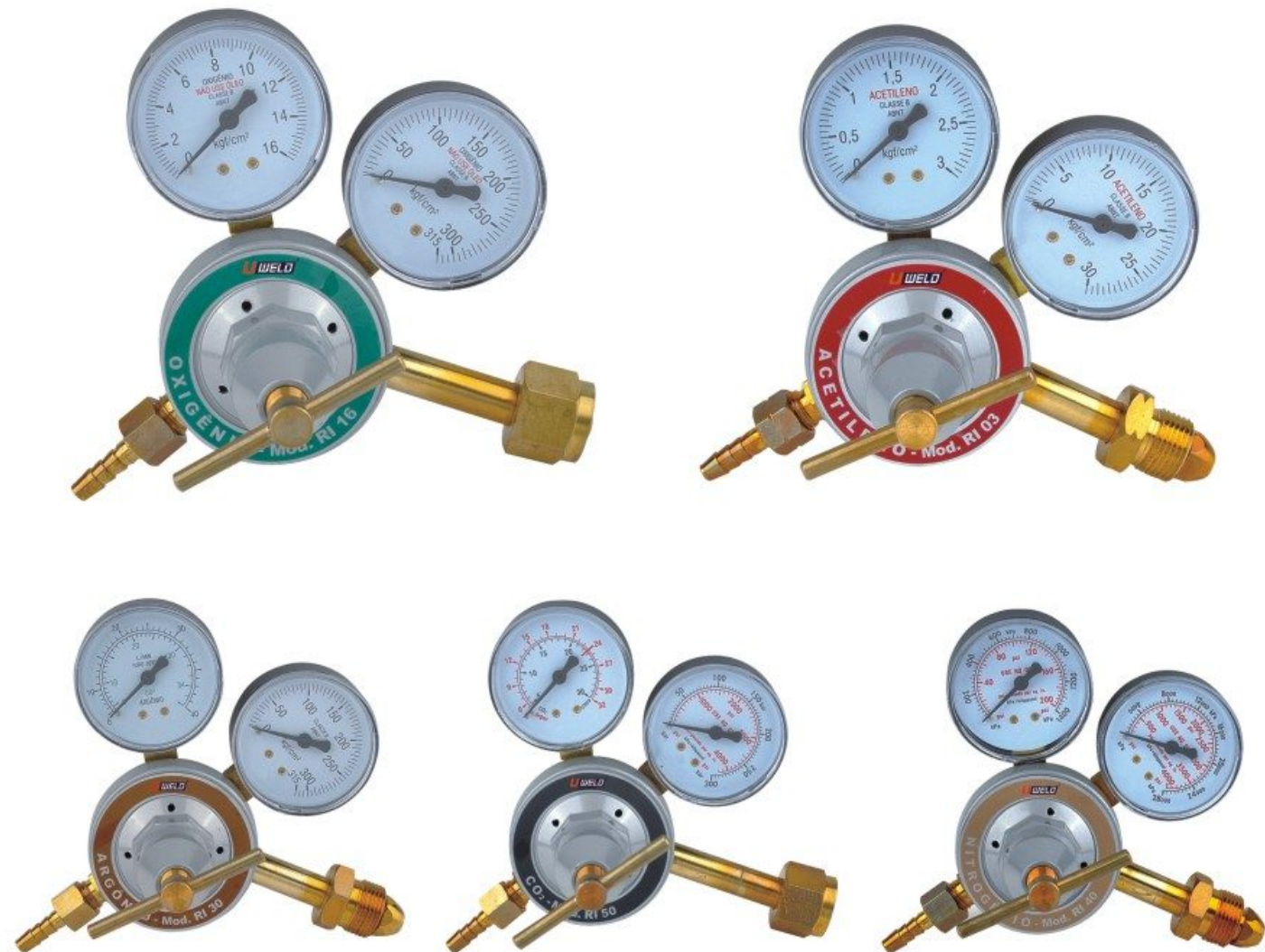
- A1 Same inlet filter used in most UWELD industrial regulators.
- A2 Gauges are recessed into the body for the highest level of safety and protection possible.
- A3 Innovative design elements enable the regulator to meet all oxygen-related safety standards.
- A4 More efficient internal flow paths translate to improved flow consistency from full to empty cylinder.
- A5 Seat assembly and friction damper are tried and true components used for decades.
- A6 Time-tested fabric reinforced neoprene diaphragm provides superior sensitivity and control.
- A7 Housing cap is made from high strength zinc-aluminum alloy that has nearly twice the yield strength of forged brass.
- A8 Knob designed with multi-stage crumple zones which absorb impact energy in the event the cylinder falls over. Helps protect pressure integrity of both regulator and cylinder valve.
- A9 Internals remain protected from weather elements through an internal vent system protected under the knob, which is channeled to promote water run-off.
- B1 High-contrast gauge face artwork maximizes visibility while providing a smaller, safer, integrated package.
- B2 Integrated high-impact ABS gauge guard.
- B3 Outlet connection, relief valve and all other critical design elements are tucked within the diameter of most cylinders for maximum protection.
- B4 Color coding in multiple locations for easy gas identification.
- C1 Bolt-on cap design enables a shorter, stronger design profile and creates a robust, heavy duty appearance.
- C2 Same external relief valves used in most UWELD industrial regulators.
- C3 Compact design configuration eliminates typical regulator appendages that are common sources of accidental damage.
- C4 Outlet connection faces rearward to help protect the user from hose blow-outs.

1C008-0083 UW-1496

Brazil Type Regulator

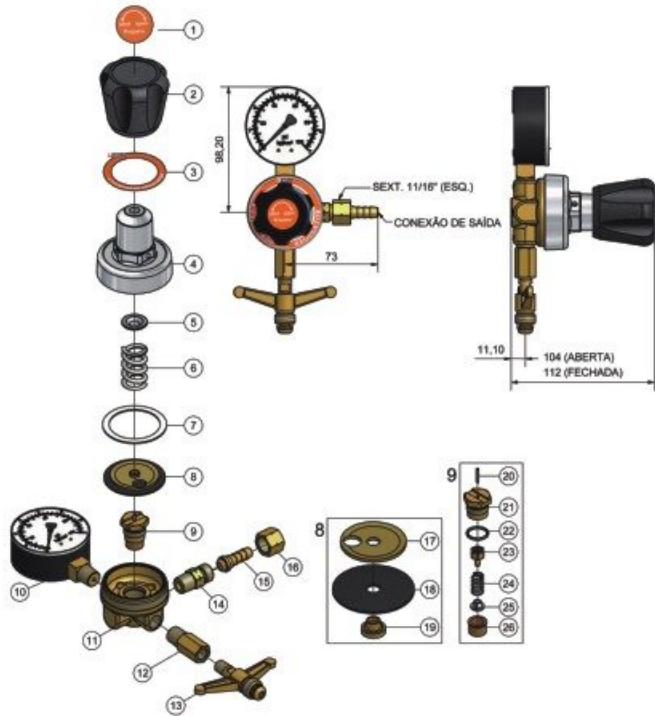
Descrição do Produto:
Regulador(Manômetro)

Manômetro em aço carbono
Pressão máxima de saída 10 bares
Conexão de Entrada R21,8w x 14flos (femea) abnt 218.1
Conexão de Saida Porca R.9/16" UNF x 18flos c/ bico de mangueira 5/16"
Manômetro de Entrada 62mm 0/315 Kgf/cm²
Manômetro de Saida 62mm - 0/16 Kgf/cm²
Vazão Maxima (à 10Kgf/cm²) 30m³/H
Fluido de trabalho Oxigênio
Garantia : 01 ano



Spectifications:

Model No	Gas	Max Inlet Pressure(kgf/cm²)	Max Outlet Pressure(kgf/cm²)	Inlet Connection	Outlet Connection
1C008-0083	Oxygen	315	16	W21.8	9/16"-18
	Acetylene	30	3	CGA510	9/16"-18LH
	CO ₂	300	30	CGA320	9/16"-18
	Nitrogen	4000	200	CGA580	9/16"-18
	Argon	315	34	CGA580	9/16"-18



LISTA DE PE AS		
ITEMC	DIGODESCRI	OQTD.
1	Etiqueta Da Manopla Vt Laranja - Glp	1
2	Manopla Pequena Laranja	1
3	Etiqueta Da Tampa Vt-4/13	1
4	Tampa Do Regulador Premium Vt	1
5	Apoio Da Mola Dia. 20mm	1
6	Mola Premium Glp	1
7	Guarnição De Nylon Premium Vt	1
8	Conjunto Do Diafragma Nitrilico Vt Premium (tabela 1)	1
9	Conunto Do Cartucho Para Cilindro Glp (tabela 2)	1
10	Manô Metro 0 A 7 Kgf/cm²	1
11	Corpo Do Regulador Premium Vt Mod. 08 (90°C)	1
12	Intermediária Para Regulador Glp 13 Kgf	1
13	Borboleta Glp 13 Kgf	1
14	Intermediária Para Regulador Acetileno	1
15	Niple 5/16"	1
16	Porca De Sa Da Acetileno	1

LISTA DE PE AS		
ITEMC	DESCRIÇÃO	OQTD.
17	Base Do Diafragma Vt Premium	1
18	Diafragma Vt Premium - Nitr Lica	1
19	Fixador Do Diafragma	1

LISTA DE PE AS		
ITEMC	DESCRIÇÃO	OQTD.
20	Haste Da Sede Vt	1
21	Sobroposta Do Regulador De Cilindro	1
22	O'ring - N° 1015 Nitr Lica	1
23	Sede Do Regulador De Cilindro Vt Vulcanizada - Nbr	1
24	Mola Do Cartucho	1
25	Anti Fricção Para Cartucho Do Regulador	1
26	Filtro Para Cartucho Do Regulador	1



1C008-0084 UW-1496-A



1C008-0085 UW-1496-B

1C008-0094 UW-1404

FLOW GAUGE REGULATOR

- Features:**
- Single Stage construction
 - Forged brass body & bonnet for max strength
 - Neoprene diaphragms
 - Accurate regulator for gas flow
 - No soldered joints for easy maintenance



Specifications:

Model No	Gas	Flow	Cylinder Pressure
UW-1404	Argon LM	(Lt./Min) 0-30	(Bar) 0-315
	CO ₂ LM	0-30	0-315
	Argon CF	0-30	0-315
	Argon CF	0-30	0-315



1C008-0096



1C008-0097



1C008-0098 UW-1456-A
Argon Flowmeter Regulator



1C008-0099 UW-1456-B
Multi Stage Argon / CO₂ Flowmeter Regulator



1C008-0101

FLOW GAUGE REGULATOR

Features:

- Full brass body, Zinc Housing Cap can be requested.
- Flowmeter with easy to read tube and virtually unbreakable transparent polycarbonate outer.
- Full chromed plated.
- Connections can be requested.



1C008-0102 UW-1453



1C008-0103 UW-1454



1C008-0104



1C008-0105 UW-1456

Spectifictions:

Model No	Gas	Max Inlet Pressure	Max Outlet Pressure	Inlet Connection	Outlet Connection
UW-1453	Ar	(bar)	(bar)	G5/8"	BSP3/8"



1C008-0106 UW-1405



1C008-0107 UW-1406



1C008-0108 UW-1406

Features:

- Full brass body, Single stage.
- Regulator and flowmeter as a unit.
- Gas Service: Argon, CO₂.
- Flowmeter with easy to read tube and virtually unbreakable transparent polycarbonate outer.
- Connections can be requested.

Spectifictions:

Gas	Flow	Inlet Connection	Outlet Connection
Ar	0-25LPM	CGA580	9/16"
CO ₂	0-25LPM	CGA320	9/16"

Argon Flow Meter

Max Inlet Pressure(mpa)



1C008-0109 UW12-1406-B

Spectifictions:

Model No	Gas	Flow	Inlet Connection	Outlet Connection
UW-1406-A	Ar	0-70scfh	CGA580	5/8"-18(F)



Spectifictions:

Model No	Gas	Max Inlet Pressure (bar)	Inlet Connection	Outlet Connection
UW-1435	CO ₂	3.5	BSP3/8"	BSP3/8"
UW-1436				
UW-1437	Ar	3.5	BSP3/8"	BSP3/8"
UW-1438	Ar	3.5	BSP3/8"	BSP3/8"

A test flowmeter tests the gas flow for each minite, applicable in MIG welding and TIG welding.

Scales availale:
3 - 25 l/ min Argon / CO₂
5 - 50 l/ min Argon / CO₂

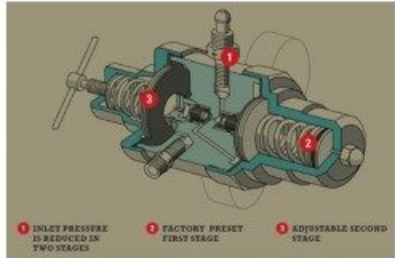


1C008-0114
Testing Flowmeter

Two-stage regulators are two regulators built into a single regulator body. Designed to lower the high pressure in two stages. Requires less readjustment and provide a more constant delivery pressure despite changes in inlet pressure. Designed for applications where a constant delivery pressure is required over a wide range of inlet pressure.

Spectifictions:

Gas	Gauge	Max Inlet Pressure	Max Outlet Pressure	Inlet Connection	Inlet Connection
Argon Helium Nitrogen	2.5" Brass	28000kpa/4000psi	4000kpa/600psi	CGA580	1/4" NPT(M)



Co₂ heater Regulator

- Features:**
- Full brass body and Chrom-plated bonnet.
 - Voltage output can be requested.
 - Gas service: Carbon Dioxide.
 - Various use for automatic welding, general industries, casting and so on.



1C008-0116 UW-1457



1C008-0117 UW-1458



1C008-0118 UW-1459



1C008-0119 UW-1460

Spectifictions:

Model No	Gas	Max Inlet Pressure (bar)	Inlet Connection	Outlet Connection
UW-1457 UW-1458 UW-1459 UW-1460	CO ₂	150	G5/8" CGA320	BSP3/8" 9/16"

Applications

For Automatic welding, industries, Casting, Neutralization of waste water and etc...
Caution: Use this regulator only with non-siphoned standard CO₂ cylinders.



1C008-0120



1C008-0115



1C008-0121



1C008-0122

- Features:**
- Forged brass body and chromed bonnet for maximum strength.
 - With 53mm pressure gauge or flow gauge.
 - With thermostatically-controlled, electric heater keeps the CO₂ warm and continuous duty cycle without freezing. Economy type gauge replacement.
 - Suitable for 36V, 110V and 220V.



1C008-0125 CO₂ Heater



1C008-0126



1C008-0127



1C008-0128

Spectifictions:

Model No	Gas	Max Inlet Pressure (bar)	Inlet Connection	Outlet Connection
1C008-0125 1C008-0126 1C008-0127 1C008-0128	CO ₂	150	G5/8" G3/4" CGA320	G5/8" G3/4" CGA320

- Pressure regulator ideal for disposable cylindersfor small MIG welding machines.
- With very small sizes, reliable and sure, for a fast installation and a practical use, enabling control of the flow rate.

Technical features:

CO₂ - Argon - Mix
P1 inlet pressure 130 bar
K pressure reducer class 1
P2 outlet pressure 4 bar
Q1 standard delivery flow <1 m³/h

BOTTOM ENTRY
VERTICAL ADJUSTING
KNOBGAUGES Ø 40 "



1C008-0271

Features:

- Built for durability: Forged brass body with a chrome plated finish.
- Nickel-plated valve seats for high corrosion resistance.
- Constant pressure supply at high output flow rates.
- Easy to use dial knob for pressure adjustment.
- Built in CO₂ resistant, long lasting solid Nylon inlet seal.
- Integrated sintered bronze mesh inlet filter.



1C008-0129 UW-1498
CO₂ Regulator



1C008-0130 UW-1498-A



1C008-0131 UW-1499
CO₂ Regulator



1C008-0132 UW-1500
CO₂ Regulator



1C008-0143
UW-12-1505

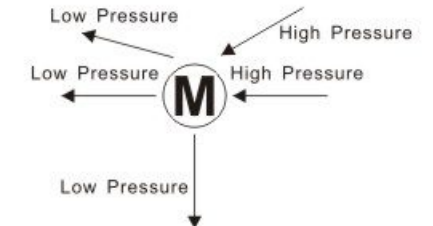
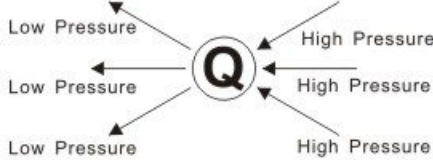
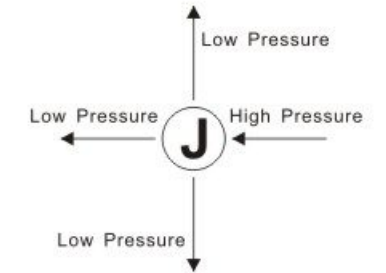
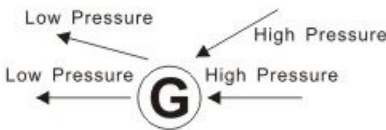
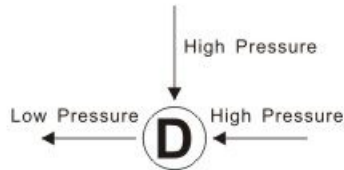
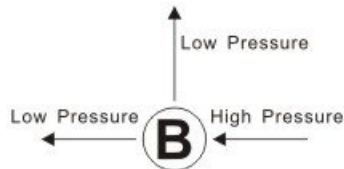


1C008-0144
UW-12-1506



1C008-0145
UW-12-1507

Model No	Gas	Max Inlet Pressure	Max Outlet Pressure	Testing Pressure	Inlet Connection	Outlet Connection
UW-12-1505	Special	(psig) 500	(psig) 0-25	(psig) 37.5	1/4"NPT	1/4"NPT
		3000	0-50	75	CGA330	1/8" Frame
UW-12-1506		4000	0-100	150	CGA350	1/4" Frame
UW-12-1507			0-250	375	CGA580	3/8" Frame
			0-500	750	G5/8" W21.8	15.6 mm Frame 16.8 mm Frame



1Mpa=1000Kpa=10.197 Kg/cm²=145.04psi, 1 m³/h=16.67 LPM=35.32 SCFH

- Reduced pressure device for cylinders of centralized gas
- supply device vacuum system design,
- suitable for large flow gas distribution system.



1C008-0146 UW-12-1508
Small Flow Regulator



1C008-0147 UW-12-1509
Big Flow Regulator



1C008-0148 UW-12-1510
Single Stage Regulator



1C008-0149 UW-12-1511
Multi Stage Regulator

1Mpa=1000Kpa=10.197 Kg/cm²=145.04psi, 1 m³/h=16.67 LPM=35.32 SCFH

Manifold Systems

Design Features:

- With safety Valve
- 2" Stainless pressure gauge.
- 2" Stainless Tube Max Inlet Pressure; 2000, 3000 psig .
- Working Temperature: -40 - 74 °

Material :

- Body: Stainless and Brass
- Housing Cap: Stainless
- Body diaphragm: Stainless
- Features:
- Automatic Changeover System
- Fully enclosed, tamper-resistant metal cabinet
- Pressure switch control
- Light indicators provide system status
- Suitable for flammable gases



1C008-0150 UW-12-1512

Pipeline

- Open-styled manifold
- Silver brazing on piping joints for maximum leak prevention
- System is designed to accommodate future expansion needs
- System is mounted with gas filters
- Pressure switch port available
- Easy installation
- Wall or floor mount available
- For Acetylene or fuel gas model, outlet connection is mounted with flashback arrestor for additional safety precaution



1C008-0151 UW-12-1513

Balloon inflator



Balloon regulators are designed for balloon air inflation used in kinds of meetings, celebrations, etc. Special construction of outlet to easily control gassing switch.

- 1C008-0152** Economy style of balloon filler.
- 1C008-0153** Balloon filler features a piston design with enduring tilt valve for quick inflation of balloons, Hand /Wrench tight.
- 1C008-0154** Balloon filler features a piston design with enduring tilt valve for quick inflation of balloons, Hand /Wrench tight with gauge style.
- 1C008-0155** Balloon filler features a piston design with enduring tilt valve for quick inflation of balloons, Plastic hand tight, no gauge design.
- 1C008-0156** Balloon filler features a piston design with enduring tilt valve for quick inflation of balloons, Plastic hand tight with gauge style.



1C008-0152



1C008-0153



1C008-0154



1C008-0155



1C008-0156



1C008-0157

Medical Regulator



1C008-0158 UW-1461



1C008-0159 UW-1462



1C008-0160 UW-1463

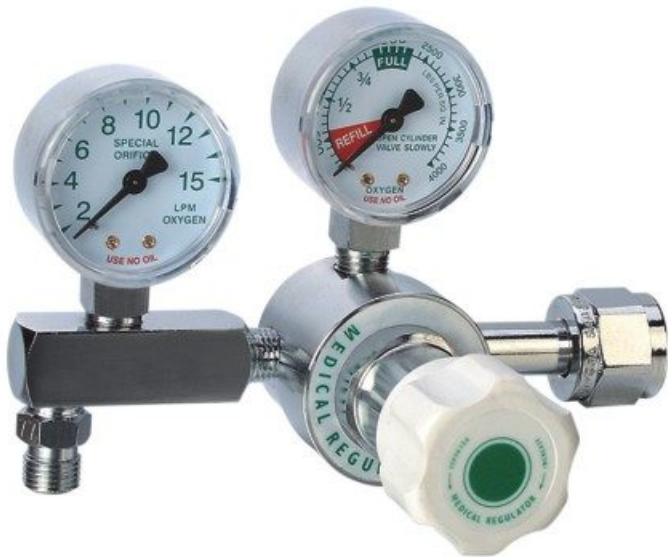


1C008-0161 UW-1464

Model No	Gas	Max Inlet Pressure	Max Outlet Pressure	Inlet Connection	Outlet Connection
		(Psi)	(LPM)		
UW-1465	Oxygen	3000	15	CGA 540	9/16" or Requested
UW-1466					
UW-1467					

Medical Regulator

This medical oxygen regulator is preset to 50 PSI for ideal use with a veterinary anesthesia machine and may be used on large oxygen tanks such as H or K tanks. A male DISS-F connector allows easy connection to any O2 hose equipped with a DISS-F connector. It can be used humidifier bottle and adjust flow rate from 0-15lpm. Connections can be requested.



1C008-0163 UW-1465



1C008-0164 UW-1466



1C008-0165 UW-1467

Model No	Gas	Max Inlet Pressure	Flow Range	Inlet Connection	Outlet Connection
		(Psi)	(LPM)		
UW-1465	Oxygen	3000	15	CGA 540	9/16" or Requested
UW-1466					
UW-1467					

1Mpa=1000Kpa=10.197 Kg/cm²=145.04psi, 1 m³/h=16.67 LPM=35.32 SCFH



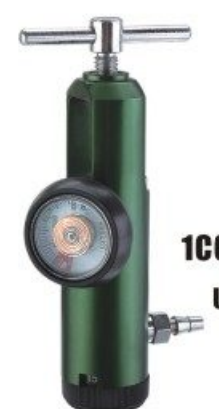
1C008-0166
UW-1468

Item	Description	
870-15N	Inlet Connection:	CGA 870
	Outlet Pressure:	50 PSI OR 22 PSI
	Material:	Aluminum/brass body,Anodized Green,
		Aluminum knob anodized black,
	Flow Rate:	0-15 LPM



1C008-0167
UW-1469

Item	Description:	
540-15UN	Inlet Connection:	CGA 540
	Outlet Pressure:	50 PSI OR 22 PSI
	Material:	Aluminum body,Anodized Green,Plastic knob
	Flow Rate:	0-15 LPM



1C008-0168
UW-1470

Item	Description:	
870-15UF	Inlet Connection:	CGA 870
	Outlet Pressure:	50 PSI OR 22 PSI
	Material:	Aluminum body,Anodized Green,Plastic knob
		Brass body Chromeplated,Plastic knob
	Flow Rate:	0-15 LPM



1C008-0169
UW-1471

Item	Description:	
840	Inlet Connection:	CGA 870
	Outlet Pressure:	50 PSI OR 22 PSI
	Material:	Aluminum/brass body,Anodized Green,Aluminum knob anodized black,two sections of structure
	Flow Rate:	0-15 LPM



1C008-0178



1C008-0179



1C008-0180



1C008-0181



1C008-0182



1C008-0183



1C008-0184



1C008-0185



1C008-0186



1C008-0187



1C008-0188



1C008-0189



1C008-0190



1C008-0191



1C008-0192

1Mpa=1000Kpa=10.197 Kg/cm²=145.04psi,1 m³/h=16.67 LPM=35.32 SCFH

MANIFOLD GAUGE SET

A/C Manifold Gauge Set is designed to test automotive air conditioning systems by comparing the "high side" and "low side" pressure reading to the vehicle manufacturer's A/C system specifications. This A/C Manifold Gauge Set can be used to test, evacuate and fill automotive air conditioning systems.



1C008-0208

UW-MG001

Manifold Gauge Set Aluminum Valve Body

Application: R22 R134a R404A and R407c
Connection: 1/4SAE, can be required

Features

- High quality aluminum alloy valve body.
- Gentle and comfortable design hand wheel structure
- Prevalent streamline design pressure gauge
- Durable product quality



1C008-0209

UW-MG002

Manifold Gauge Set Aluminum Valve Body

Connection: 1/4SAE
Application: R22 R134a R404A

Features

- High quality aluminum alloy valve body.
- Swiss-style appearance
- Prevalent streamline design pressure gauge
- Durable product quality



1C008-0210

UW-MG003

Manifold Gauge Set Aluminum Valve Body

Connection: 3*1/4SAE 1*3/8SAE
Application: R22 R134a R404A and R407c

Features

- High quality aluminum alloy valve body.
- Gentle and comfortable design hand wheel structure
- Prevalent streamline design pressure gauge
- Durable product quality



UW-MG004

Manifold Gauge Set Aluminum Valve Body
Connection: 1/4 SAE
Application: R134a

Features

- High quality aluminum alloy valve body.
- Gentle and comfortable design hand wheel structure
- Prevalent streamline design pressure gauge
- Durable product quality



UW-MG005

Manifold Gauge Set Aluminum Valve Body
Connection: 1/4 SAE
Application: R134a

Features

- High quality aluminum alloy valve body.
- Gentle and comfortable design hand wheel structure
- Prevalent streamline design pressure gauge
- Durable product quality



UW-MG006

Connection: 1/4 SAE
Selectable Refrigerants: R12 R404A R134A

Features

- High quality copper valve body.
- Special tough rubber protective guard
- Extra big plastic hand wheel
- Reliable sintered glass window
- Durable product quality.



1C008-0214 UW-MG007

Connection: 1/4 SAE
Selectable Refrigerants: R22/134a/404A/407c/410A
Unit of Pressure: MPA/BAR/PSI/KPA
Unit of Temperature: °C/°F

Features

- High quality aluminum alloy valve body.
- Gentle and comfortable design hand wheel structure
- Prevalent streamline design pressure gauge
- Durable product quality



1C008-0215 UW-MG008

Connection: 1/4 SAE
Temperature Range: -55-125
Pressure Range: -0.1-4.2Mpa (Gauge Pressure)

Feature:

- The shell adopts soft and comfortable design, which makes it give comfortable handle and high shock resistance
- Large screen, multi-angle, big-font Lcd and backlight design make it clear in displaying, convenient in observing, It can be used in weak Light.
- High precision pressure sensor and digital temperature sensor greatly improve the accuracy and precision
- Micro power electronic component design greatly enhance the life of battery
- Contain 36 kinds of refrigerant parameter.
- Dual channel RT measurement can work out the superheat and supercooling
- Multi-mode option can be used in vacuum measurement, pipe leak detection and routing maintenance
- Different pressure unit (Mpa, Kpa, Bar, Psi), temperature unit (°C/°F) can be switched freely to meet the usage.
- It switched off automatically when the pressure is overloaded
- The valve body is made of high quality aluminum alloy





1C008-0216 UW-MG009

Connection: 1/4 SAE
Selectable Refrigerants: R12 R22 R134A

Features

- High quality aluminum alloy valve body.
- Gentle and comfortable design hand wheel structure
- Prevalent streamline design pressure gauge
- Durable product quality



1C008-0217 UW-MG010

Connection: 1/4 SAE
Selectable Refrigerants: R12 R22 R502

Features

- High quality copper valve body.
- Special tough rubber protective guard
- Extra big plastic hand wheel
- Reliable sintered glass window
- Durable product quality.



1C008-0220 UW-MG013

Manifold Gauge Set Aluminum Valve Body

Connection: 1/4 SAE
Application: R134a

Features

- High quality aluminum alloy valve body.
- Gentle and comfortable design hand wheel structure
- Prevalent streamline design pressure gauge
- Durable product quality



1C008-0221 UW-MG018

Charging Hose in red, yellow & blue colour.
length : 36" 48" 60" 72" 96"
connection: 1/4 SAE, 5/16 SAE, 3/8 SAE, 1/2" SAE
Customer design is available



1C008-0218 UW-MG011

Manifold Gauge Set Aluminum Valve Body

Connection: 1/4 SAE
Application: R12 & R22 R134a R410

Features

- High quality aluminum alloy valve body.
- Swiss-style appearance
- Prevalent streamline design pressure gauge
- Durable product quality



1C008-0219 UW-MG012

Manifold Gauge Set Aluminum Valve Body

Connection: 1/4 SAE
Application: R22 R134a R404A

Features

- High quality aluminum alloy valve body.
- Swiss-style appearance
- Prevalent streamline design pressure gauge
- Durable product quality



1C008-0222 UW-MG017

Aluminum Alloy Testing Manifolds

Features

- Material: Aluminum Alloy
- Hoses: 3 pcs 60" red, yellow & blue charging hoses
- Refrigerant: Used for R12 and R22
- Working pressure: 500PSI
- Burst pressure: 2500PSI
- Refrigerant permutation: 1/4" SAE



1C008-0223 UW-MG014

Manifold Gauge Set Aluminum Valve Body

Connection: 1/4 SAE
Application: R134a

Features

- High quality aluminum alloy valve body.
- Gentle and comfortable design hand wheel structure
- Prevalent streamline design pressure gauge
- Durable product quality



Type	Porduct	Working Pressuer	Medium	DN	Outlet Thread	Inlet Thread	Safety Temperature Pressure
		wp/Mpa		mm			Mpa
QF-2	Flapper Type Valve	O ₂ ,Air,N ₂	15	4	G5/8	GB8335 PZ27.8	21±1.5
QF-2B	Flapper Type Valve	O ₂ ,Air,N ₂	15	4	G5/8	GB8335 PZ27.8	21±1.5
QF-2B3	Flapper Type Valve	O ₂ ,Air,N ₂	15	4	G5/8	3/4-14-NGT	21±1.5
QF-2C	Flapper Type Valve	O ₂ ,Air,N ₂	15	4	G5/8	GB8335 PZ27.8	NO
QF-2D	Flapper Type Valve	O ₂ ,Air,N ₂	15	4	(FEMALE)G5/8	GB8335 PZ27.8	NO
QF-2G	Flapper Type Valve	O ₂ ,Air,N ₂	15	4	(FEMALE)G5/8		21±1.5
QF-6	Flapper Type Valve	O ₂ ,Air,N ₂	15	4	(FEMALE)G5/8	GB8335 PZ27.8	21±1.5
QF-8	Flapper Type Valve	O ₂ ,Air,N ₂	15	4	G1/2	GB8335 PZ27.8	NO

Type	Porduct	Working Pressuer	Medium	DN	Outlet Thread	Inlet Thread	Safety Temperature Pressure
		wp/Mpa		mm			Mpa
QF-8A	Coupling Type Valve	O ₂ ,Air,N ₂	15	4	W21.8x1/14	GB8335 PZ27.8	NO
QF-8B	Coupling Type Valve	O ₂ ,Air,N ₂	15	4	W22x1/14		NO
QF-11	Diaphragm Type Valve	O ₂ ,Air,N ₂	15	2	W21.8x1/14	GB8335 PZ19.2	NO
QF-011	Diaphragm Type Valve	O ₂ ,Air,N ₂	15	2	W21.8x1/14		21±1.5
CGA540	Flapper Type Valve	O ₂ ,Air,N ₂	15	4	CGA540	3/4-14-NGT	21±1.5
CGA540C	Flapper Type Valve	O ₂ ,Air,N ₂	15	4	CGA540	1-111/2-NGT	21±1.5
CGA5401/2	Flapper Type Valve	O ₂ ,Air,N ₂	15	4	CGA540	3/4-14-NGT	21±1.5
QF-15A	Acetylene Cylinder Valve	C ₂ H ₂	3	4	G5/8-LH		NO
QF-15A2E	Acetylene Cylinder Valve	C ₂ H ₂	3	4		GB8335 PZ39	100℃±5℃
QF-15A3	Acetylene Cylinder Valve	C ₂ H ₂	3	4	G5/8-LH(Female)	GB8335 PZ39	100℃±5℃

Ace Cylinder Valve for Cylinder

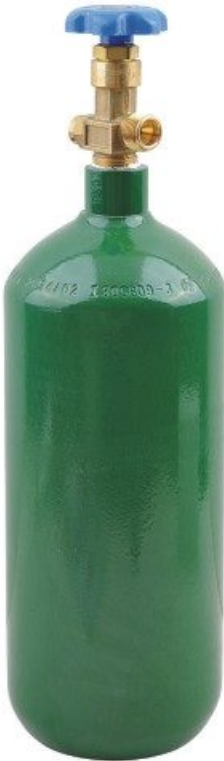


Type	Porduct	Working Pressuer	Medium	DN	Outlet Thread	Inlet Thread	Safety Temperature Pressure
		wp/Mpa		mm			Mpa
YF-3	Ace Cylinder Valve	C ₂ H ₂	3	3	G5/8-LH	GB8335 PZ39	NO
PF5-1	Neddle type Valve	C ₂ H ₂	3	3	G1/2	GB8335 PZ39	NO
CGA300 (QF-70)	Ace Cylinder Valve	C ₂ H ₂	3	4	CGA300	3/8-18-NGT	NO
LN500	Hypothermia Valve	NI	3	4	CGA300	3/4-14-NGT	NO
QF-17	Flapper Type Valve	CO ₂	12.5	4	CGA320	UNF1.125-12	15-18.75
CGA580A	Flapper Type Valve	AR ₂	20	3	(Inlet)CGA580	3/4-14-NGT	28±2
PX-32A	Jointed Type Valve	AR ₂	15	4	G5/8	GB8335 PZ27.8	NO
QF-13A	Shaft Type Valve	Freon	12.5	8	G3/4	GB8335 PZ27.8	NO
GJ8-1	Acetylene Pipe Close Valve	C ₂ H ₂	2.5	5	M16x1.5	M22x1.5	NO
BWF-1	Propane Cylinder Valve	LPG	2.2	7	(Inlet)M22x1.5-LH	GB8335 PZ27.8	2.5-3

Acetylene Valves for cylinder



Type	Porduct	Working Pressuer	Medium	DN	Outlet Thread	Inlet Thread	Safety Temperature Pressure
		wp/Mpa		mm			Mpa
QF-10	Neddle type Valve	Cl	2	6	G3/4	GB8335 PZ27.8	NO
QF-13A	Neddle type Valve	Freon	3	6	G3/4	GB8335 PZ27.8	NO
QJT150-4	Through Close Valve	O ₂ ,Air,N ₂	15	4	G3/4	G1/2(Female)	NO
QJG150-4	Through Close Valve	O ₂ ,Air,N ₂	15	4	G3/4	G1/2	NO
QF-2A5	Through Close Valve						
AJT200-8	Through Close Valve	O ₂ ,Air,N ₂	20	8	M33x2(Female)	M33x2(Female)	NO



- This tank is commonly the jewelers' choice for performing most soldering, brazing and small casting operations.
- Requires a regulator with a CGA 540 tank connection.
- Use a tank carrier to secure and transport your tanks safely and conveniently.

Size: R (20 cu. ft.)
Style: Oxygen

1C024-0001 2L OXYGEN
1C024-0002 4L OXYGEN
1C024-0003 6L OXYGEN
1C024-0004 8L OXYGEN
1C024-0005 10L OXYGEN
1C024-0006 20L OXYGEN
1C024-0007 40L OXYGEN



- This MC tank provides standard capacities for most jewelry manufacturing needs.
- Requires a regulator with a CGA 200 tank connector.
 - MC tanks hold 10 cu. ft. of acetylene.

Size: MC (10 cu. ft.)
Style: Acetylene

1C024-0008 2L ACETYLENE
1C024-0009 6L ACETYLENE
1C024-0010 8L ACETYLENE
1C024-0011 10L ACETYLENE



SEAMLESS STEEL CYLINDER

Item	Nominal Outsider Diameter Do (mm)	Nominal Water Capacity V (mm)	Nominal Height (without valve) L (mm)	Nominal Weight (without valve.cap) W (kg)
A108-1.4-15	108	1.4	238	2.96
A108-2-15	108	2	320	3.75
T108-2-15	108	2	324	3.72
A121-3.2-15	121	3.2	390	5.02



SEAMLESS STEEL CYLINDER

Item	Nominal Outsider Diameter Do (mm)	Nominal Water Capacity V (mm)	Nominal Height (without valve) L (mm)	Nominal Weight (without valve.cap) W (kg)
T121-3.2-15	121	3.2	401.5	4.98
A121-4-15	121	4	485	6.16
A121-4-15	121	4	481.5	5.95
A140-4-15	140	4	389	5.7
A140-5-15	140	5	464	7.52
A140-6.3-15	140	6.3	564	8.72
A140-7-15	140	7	614	9.84
A140-8-15	140	8	690	10.72
A152-7-15	152	7	540	9.57
A152-8-15	152	8	600	10.66
A140-10-15	140	10	834	13.9
A152-10-15	152	10	726	12.6
A159-10-15	159	10	805	14.15
A159-12-15	159	12	783	16.34
A159-15-15	159	15	963	19.66
A219-40-15	219	40	1355	56
A232-40-15	232	40	1225	54
A232-50-15	232	50	1495	65.5



DISSOLVED ACETYLENE CYLINDERS

Item	Water volume (L)	Outside Diameter (mm)	Wall Thickness (mm)	Filling Weight of Acetone Kg	Filling Weight of Acetylene Kg	Total Height (mm)	Bare Weight (kg)
159-8	8	159	4.5	2.73	1.36	708	15
159-10	10	159	4.5	3.42	1.71	826	18
235-25	25	243	4	8.55	4.5	790	42
235-35	35	243	4	12	6.3	1017	50
250-40	40	258	4	13.6	6.8	1045	50
300-60	60	309	4.5	20.5	10.8	1100	56



LIQUEFIED PROYLENE (PROPANE) CYLINDERS

Volume(L)	Filling Medium	Inner Diameter	Height	Weight	Charging Capacity
13	C ₃ H ₈ C ₃ H ₆	200	600	10	5.3/5.4
26	C ₃ H ₈ C ₃ H ₆	250	745	21	10.6/10.9
40	C ₃ H ₈ C ₃ H ₆	250	1045	28	16.4/16.8
74	C ₃ H ₈ C ₃ H ₆	300	1260	41	30/31
100	C ₃ H ₈ C ₃ H ₆	350	1308	53	41/42
125	C ₃ H ₈ C ₃ H ₆	400	1273	56	50/51
400	C ₃ H ₈ C ₃ H ₆	600	1780	258	164/168
1000	C ₃ H ₈ C ₃ H ₆	900	2000	502	410/420

Oxygen & Acetylene Twin Welding Hose

Application:
 For delivery of Oxygen-Acetylene gas in general industry application as cutting, welding etc.
 Grade R or T also available.

Construction:
 Tube: Natural rubber(SBR), or neoprene compound according on request.
 Cover: Natural rubber(SBR), or neoprene, resist abrasion and sunlight/weather.
 Color: Green or blue for Oxygen; Red for Acetylene Temp.
 Rang: -40°C-- +90°C
 Packing: PVC film wrapped , shrinked with card, carton,



1C026-0001 UW-1801



1C026-0002



1C026-0003 UW-1802



1C026-0004 UW-1803 PVC HOSE



1C026-0005 UW-1804 WATER HOSE

Inside ID mm	Working Pressure (WP)Mpa	Burst Pressure (BP)Mpa	Packing meter/roll
6	0.3	0.9	Requested
8	0.3	0.9	
9	0.3	0.9	
10	0.3	0.9	
13	0.3	0.9	

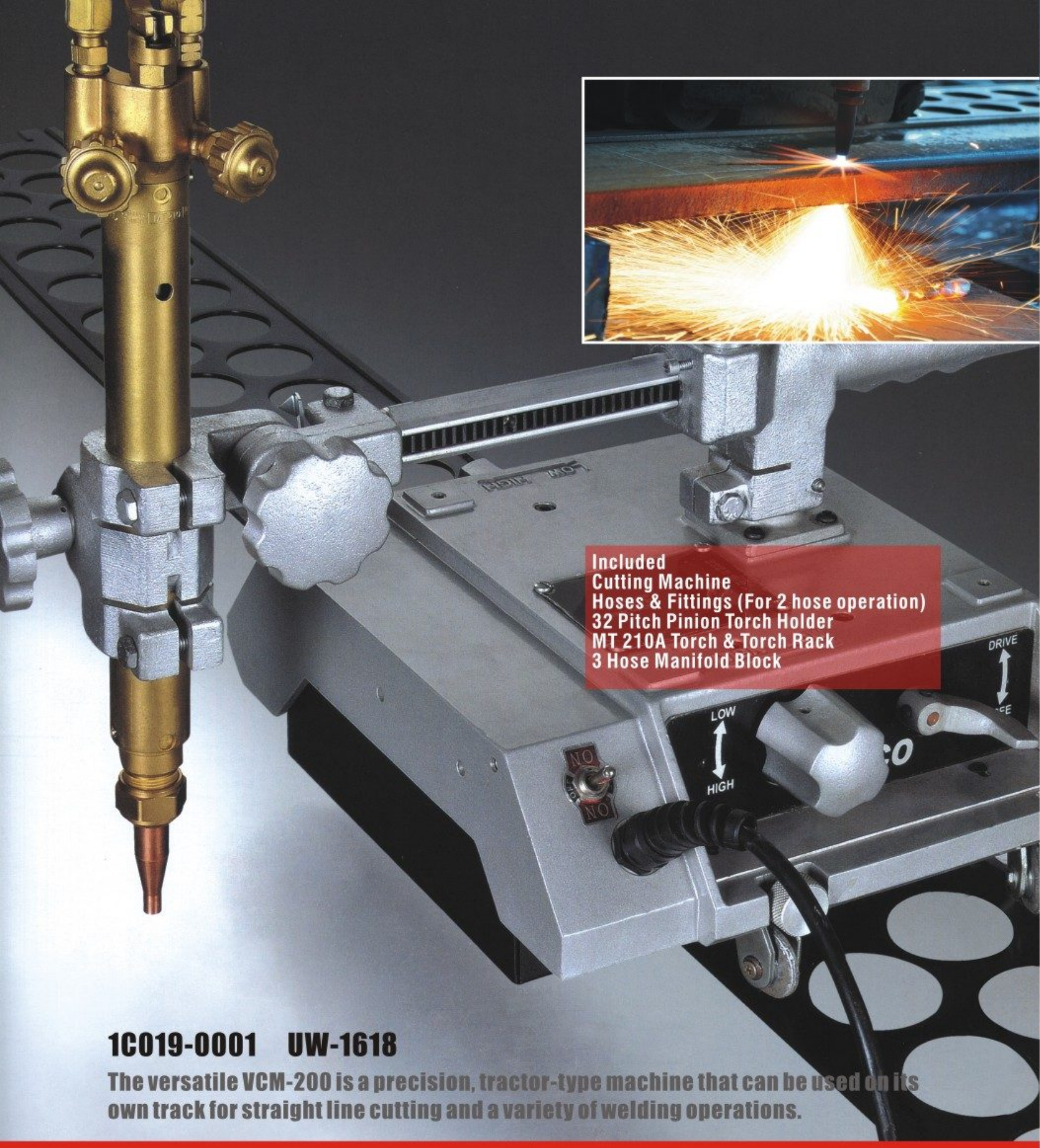
LPG <Propane> /Natural Gas Hose

Application: For gas discharging industry, home burner system, grills, heaters and automobile services.

Contruction: Tube: Synthetic rubber compound, LPG gas, oil and low temp, resistant.
 Cover: Synthetic rubber.
 Color: Can be Black.
 Reiforcement: Multiple fiber, wire or stainless steel braids.
 Temp. Rang: -40°C-- +60°C
 Color also can be black.

Inside ID mm	Inside ID Inch	Working Pressure (WP)Mpa	Burst Pressure (BP)Mpa	Packing meter/roll
5	3/16"	1.2	6	Requested
6	1/4"	1.2	6	
8	5/16"	1.2	6	
10	3/8"	1.2	6	

ID	Inner Dia	Out Dia	Length	Gross Weight	Working Pressure	Burst Pressure	Packing(D*H)
inch	mm	mm	m	kg/roll	Bar	Bar	mm*mm
5/32	4	8	100	4.5	9	50	300*120
1/4	6	10	100	6	8	45	340*140
3/8	10	14	100	9	5	35	400*150
1/2	12	16	100	11	7	38	450*160
1/2	13	17	100	11.5	5	30	450*190
5/8	16	20	50	7	5	28	480*170
5/8	16	20	100	14	5	28	550*170
3/4	19	24	50	10	4	25	560*170
3/4	19	24	100	20	4	25	630*200
5/6	22	27	50	11.2	4	23	620*170
1	25	30	50	13.5	4	23	690*200
1	25	30	100	27	4	23	760*260
2	50	59	40	38	3	13	1060*210



1C019-0002 UW-1601
 CG-30
 Straight Cutting Machine

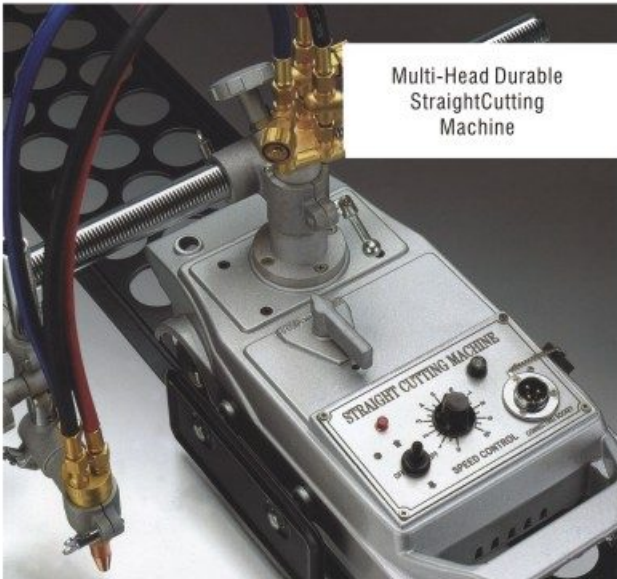
1C019-0003 UW-1602
 CG-100
 Straight Cutting Machine
 CG-100MAX3
 MAX3 Straight Cutting Machine

1C019-0004 UW-1603
 CG-100MAX3
 Straight Cutting Machine

1C019-0005 UW-1604
 MAX1
 Economy Straight Cutting Machine

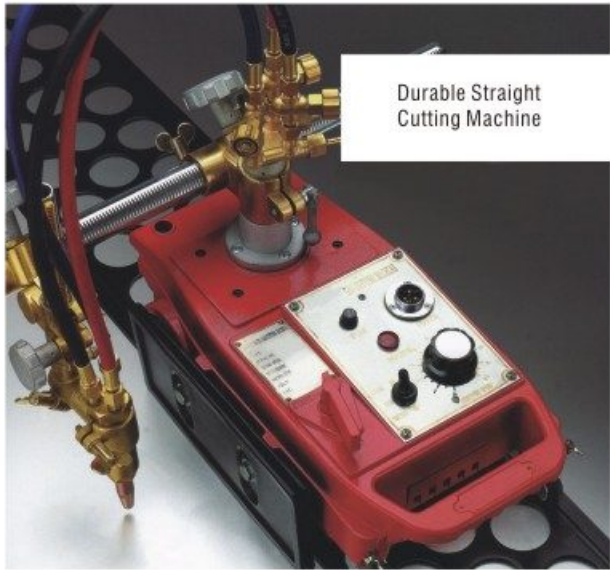
- Overview Large thumb screws for hand tight adjustments.
- Dual drive controls & direct speed readout.
- Cone disc drive.
- Constant speed AC induction motor located on the side opposite the torch for cooler.
- Counter-balanced design allows torch racking distance up to 18" from the machine.
- Speed constant over wide range of temperatures.
- Torch holder designed for 1-3/8"/35mm barrel diameter torches.

Item	Model	Cutting Thickness (mm)	Straight Cutting (mm)	Circle Cutting (dia mm)	Bevels	Bevels Shape
UW-1601	CG-30/II	2-60	1800	30-2400	0°-45°	I,V,Y
UW-1602	CG-100/II	5-100	1800	40-2650	0°-45°	I,V,Y
UW-1603	CG-100MAX3	5-100	1800	40-2650	0°-46°	I,V,Y
UW-1604	MAX1	5-100		40-2650		

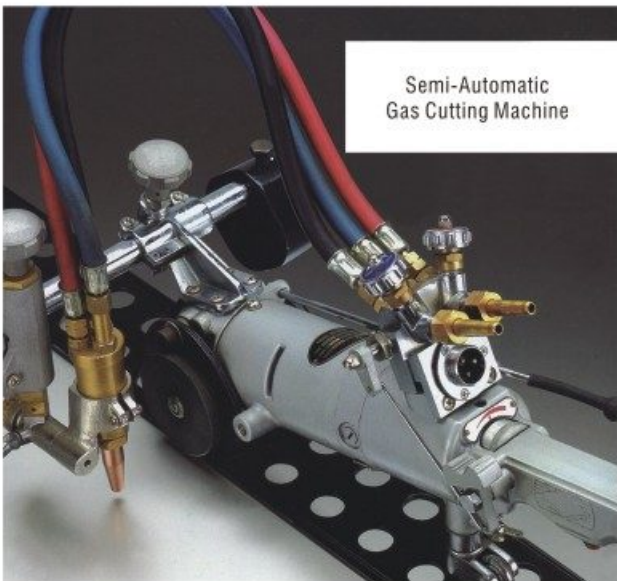


1C019-0006 UW-1605
GC-30A
Multi-Head Durable Straight Cutting Machine

Item	Model	Cutting Thickness (mm)	Straight Cutting (mm/min)	Circle Cutting (DIA mm)
UW-1605	GC-30A/ II/ III/ IV/V	6-100	50-750	200-2000
UW-1606	GC-30B/II	6-100	50-750	200-2000

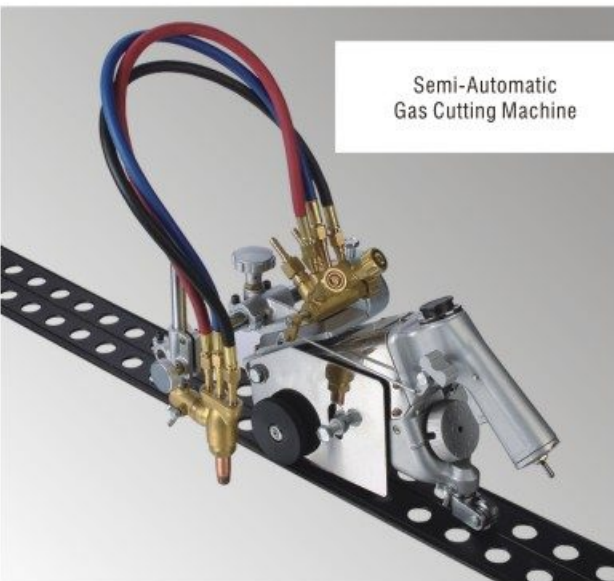


1C019-0007 UW-1606
GC-30B
Durable Straight Cutting Machine

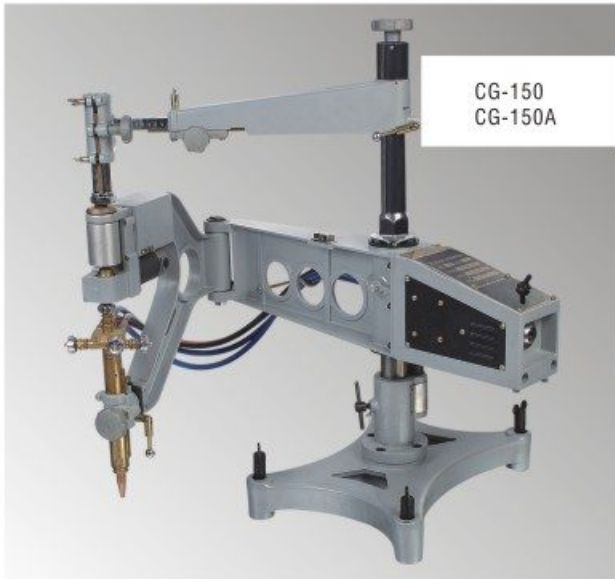


1C019-0008 UW-1607
HK-30
Semi-Automatic
Gas Cutting Machine

Item	Model	Cutting Thickness (mm)	Wheel Span (mm/min)	Circle Cutting (DIA mm)	Cutting Speed (mm/min)	Bevels Shape
UW-1607	HK-30	3-60	100	50-550	150-100	I,V,Y
UW-1608	HK-30A	5-100	100	50-550	100-1000	I,V,Y



1C019-0009 UW-1608
HK-30A
Semi-Automatic
Gas Cutting Machine

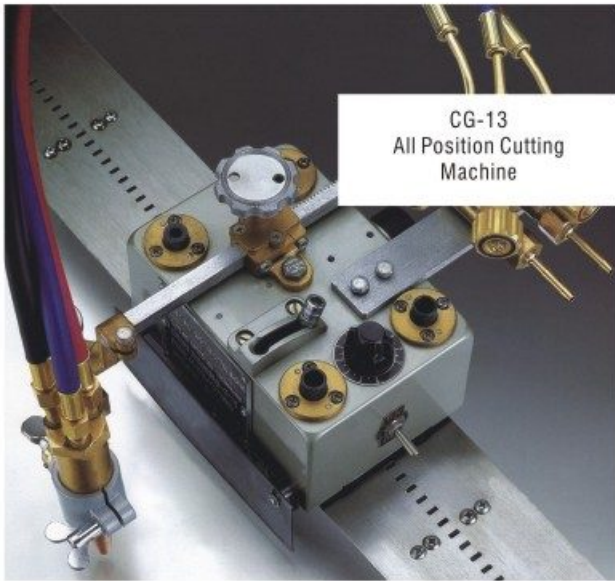


1C019-0010 UW1609
CG-150 Profiling Gas Cutter
CG-150A (Rail Type) Profiling Gas Cutter

Item	Model	Cutting Thickness (mm)	Square Cutting Area	Circle Cutting Area	Rectangle Cutting Area
1C019-0010	CG-150	6-100	500x500	ID 20-600mm	400x900 450x750 mm
1C019-0011	CG-150A	6-100	500x500	ID 20-1800mm	340x1700 500x1650mm
1C019-0012	CG-150T	8-200	1270x1270	ID 20-600mm	400x900 450 x750 mm

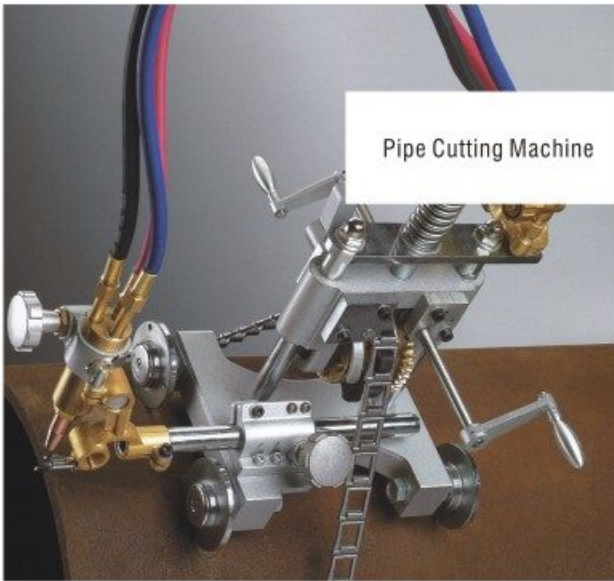


1C019-0011 UW1610
CG-150T Heavy Duty Profiling Gas Cutter



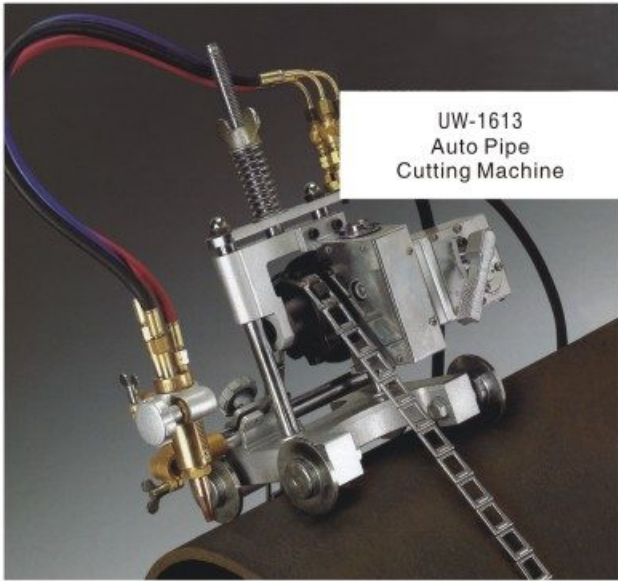
1C019-0012 UW1611
All Position Cutting Machine

Item	Model	Cutting Thickness (mm)	Rail Curve (mm)	Cutting Speed (mm-min)	Weight (kg)
1C019-0013	CG-13	5-30 mm	R ≥ 700mm	100-750	15

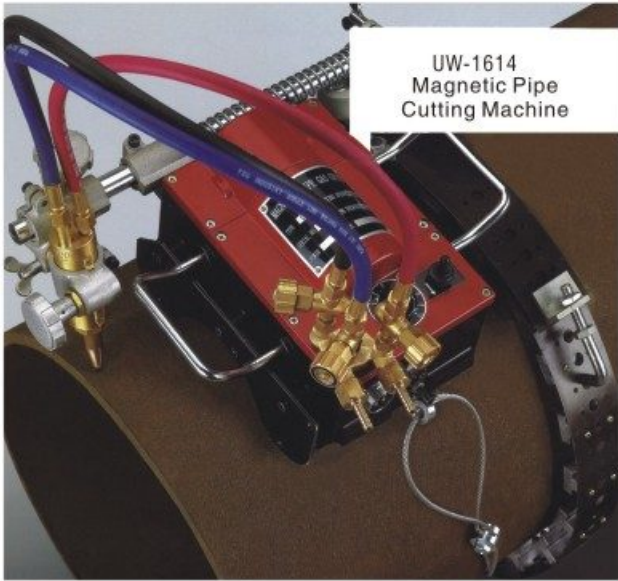


1C019-0013 UW1612
Pipe Cutting Machine

Item	Model	Cutting Thickness (mm)	Chain Type	Cutting Shape (mm)	Drive Method
1C019-0014	SG-30	6-50	Single Link Chain	Square and bevel (Up to 45°)	Handy
	SG-30D	6-50	Double Link Chain	Square and bevel (Up to 45°)	Handy

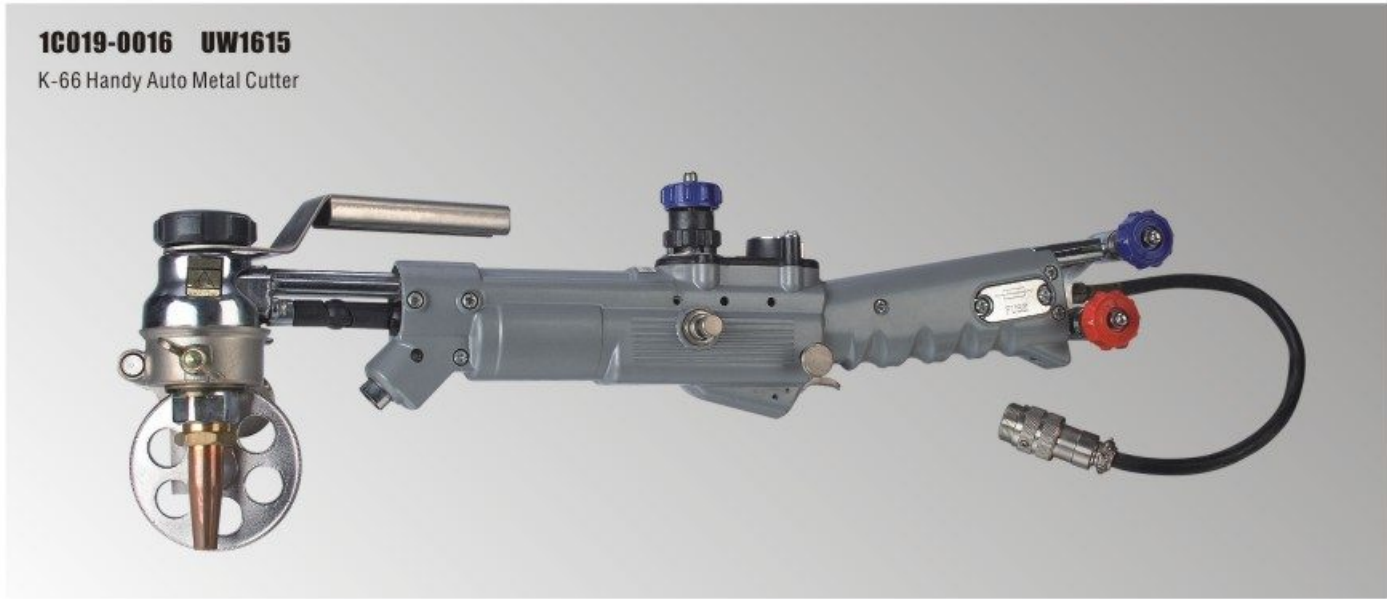


1C019-0014 UW1613
Auto Pipe Cutting Machine



1C019-0015 UW1614
Magenetic Pipe Cutting Machine

Item	Model	Cutting Thickness(mm)	Chain Type	Cutting Shape(mm)	Drive Method
1C019-0015	CG2-11	5-50	Single Link Chain	Square and bevel (Up to 45°)	Motorized
1C019-0016	CG-11	5-50	Steel belt	I, Y,V (45°)	AC/DC Geared Motor



Item	Model	Cutting Thickness(mm)	Rail Curve(mm)	Cutting Speed(mm-min)	Weight (kg)
1C019-0017	K-66	5-30mm	150-530	By transistor	Friction Drive



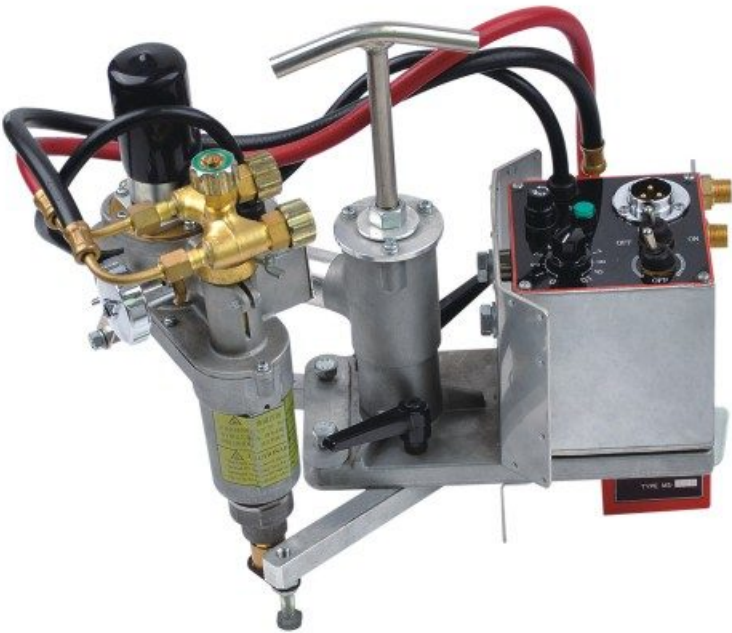
1C019-0017 UW1616



1C019-0018 UW1617

Circle Bevel Cutting Machine

Item	Model	Cutting Thickness(mm)	Bevelling Angle	Circle Cutting Diameter(mm)	Torch Speed(rpm)
1C019-0018	CG-200	6-30 mm	0-45°	400-200	0.5-6.5
1C019-0019	CG-600	6-30 mm		400-200	0.5-6.5



1C019-0019 UW1617

4P003-0001 UW-2108



Tip cleaner
100mm

4P003-0003 UW-2110



Tip cleaner
80mm

4P003-0005 UW-2112



Tip Drill Kit

4P003-0007 UW-2114



Triple Flint Lighter

4P003-0009 UW-2116



Round
Single Flint Lighter

4P003-0011



Flint Set

4P003-0013 UW-2119



Pluse Lighter

4P003-0002 UW-2109



Tip cleaner
120mm

4P003-0004 UW-2111



Tip cleaner

4P003-0006 UW-2113



Four way
Pick-up Kit

4P003-0008 UW-2115



Square
Single Flint Lighter

4P003-0010 UW-2117



Pistol Lighter

z-0012



Tri-Flint

4P003-0014



Tip Drill kit

4P003-0015 UW-2121



Round Soapstone

4P003-0017 UW-2123



Flat Soapstone

4P003-0019 UW-2125



Round Soapstone

4P003-0021 UW-2127



Spanner
7x7 or 8x8

4P003-0023 UW-2129



Spanner

4P003-0025



Spanner

4P003-0027 UW-2131



Wrench

4P003-0016 UW-2122



Flat Soapstone
Holder

4P003-0018 UW-2124



Flat Soapstone
Holder

4P003-0020 UW-2126



Spanner

4P003-0022 UW-2128



Spanner

4P003-0024 UW-2130



Spanner

4P003-0026



Spanner

4P003-0028 UW-2132



Wrench

4P003-0029 UW-2133



Wrench

4P003-0031 UW-2133



Wrench

4P003-0033 UW-2135



Chipping Hammer
300g/500g

4P003-0035 UW-2137



Chipping Hammer

4P003-0037 UW-2139



Cylinder Cap

4P003-0039 UW-2141



Cylinder Cap

4P003-0041 UW-2143



Cylinder Cap

4P003-0030 UW-2134



Wrench

4P003-0032 UW-2134



Wrench

4P003-0034 UW-2136



Pin Key Ring

4P003-0036 UW-2138



C-Clamp 3*4* 5"

4P003-0038 UW-2140



C-Clamp 3*4* 5"

4P003-0040 UW-2142



Cylinder Cap

4P003-0042 UW-2144



Cylinder Cap

4P003-0043 UW-2147



Gas saver

4P003-0045



LPG Valve

4P003-0048 UW-2150



Y-valve ACE

4P003-0051 UW-2153



Nipple & nuts
G3/8
9/16

4P003-0054 UW-2156



Adapter

4P003-0056 UW-2120



Cow Leather
Apron

4P003-0044



Circler Cutting Attachment

4P003-0046 UW-2148



Y-valve OXY

4P003-0050 UW-2152



Hose Splicer 3/8",
5/8", 3/16", 1/4"

4P003-0053 UW-2155



Nipple & nuts

4P003-0067



Adapter

4P003-0055 UW-2118



Cow Leather
Sleeves

Cylinder Adaptors

CGA200 TO CGA520



CGA300 TO CGA510



CGA520 TO CGA510



CGA200 TO CGA510



CGA320 TO CGA580



CGA520 TO CGA200



CGA510 TO CGA300



CGA510 TO CGA520



CGA510 TO CGA510



CGA580 TO CGA320



4P003-0071



Adapter

4P003-0059



Adapter

4P003-0061



Adapter

4P003-0063



Adapter

4P003-0065



Adapter

4P003-0067



Adapter

4P003-0069



Adapter

4P003-0073



Adapter

4P003-0060



Adapter

4P003-0062



Adapter

4P003-0064



Adapter

4P003-0066



Adapter

4P003-0072



Adapter

4P003-0074



Adapter



4P003-0076 UW-2157
Hose Repair kit Vise Grip Tool
Kit with C-5-3 Crimping Tool for 3/16", 1/4", 3/8" ID Hose



4P003-0077 UW-2158
Hose Repair kit Vise Grip Tool
Kit with Hammer Tool for 3/16", 1/4", 3/8" ID Hose



4P003-0078 UW-2159
Two Hole Jaw 1/2" Wide,
Use on 3/16", 1/4" Hose



4P003-0079 UW-2160



4P003-0080 UW-2161



4P003-0081 UW-2162
Heavy-Duty Ferrule Crimp Machine
For 3/16", 1/4", 3/8" ID Hose



4P003-0082 UW-2163
Two Hole Jaw 5/8" Wide,
Use on 3/16", 1/4" Hose



4P003-0083 UW-2164
Hose Ferrules 3/16", 1/4"
Hose Nuts 9/16"-18 Thread CGA-023
Hose Nuts 9-16"-18 Thread CGA-022



4P003-0084 UW-2165
Hose Splicer 3/16"
Hose Splicer 1/4"



4P003-0085 UW-2166
Hose Brace 3/16"
Hose Brace 1/4"



4P003-0086 UW-2167
Hose Coupler 1/4" NPT TO B-Size RH/LH



4P003-0075 UW-2164 BRASS HOSE FERRULES

PART NO.	INSIDE DIA.	LENGTH	PART NO.	INSIDE DIA.	LENGTH
6231	0.33"	1/2"	7327	0.625"	1"
833	0.358"	1/2"	H-H	0.650"	1/2"
622	0.38"	1/2"	7328	0.656"	1"
620	0.41"	1/2"	G-G	0.675"	33/64"
769	0.45"	9/16"	7329	0.687"	1"
4750	0.478"	11/16"	F-F	0.70"	33/64"
624	0.50"	1/2"	7330-B	0.718"	1"
7322	0.50"	1"	E-E	0.725"	17/32"
625	0.525"	1/2"	7331	0.750"	1"
7323	0.525"	1"	C-C	0.775"	17/32"
626	0.548"	31/64"	7332	0.781"	1"
7325	0.562"	1"	7333	0.812"	1"
3588	0.564"	3/4"	7244-A	0.875"	27/32"
K-K	0.575"	31/64"	5029-A	0.90"	27/32"
7326	0.593"	1"	7242-A	0.937"	27/32"
J-J	0.60"	1/2"	5028-A	0.975"	27/32"
I-I	0.625"	1/2"			