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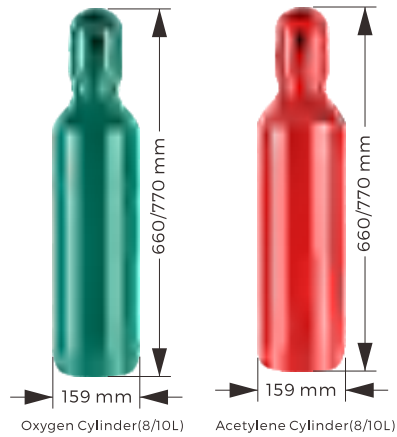
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PORTABLE WELDING CUTTING OUTFIT

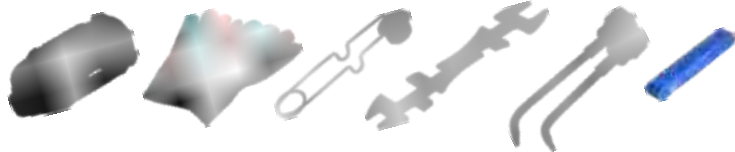


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01	Carry Tote	02	Cutting Attachment	03	Torch Handle
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1C016-0006A



UWELD Welding Cutting Kit

The UWELD cart is 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. Wheel type: rubber. This cart is ideal for use in repair shops, garages or wherever casual welding requirement may apply. Frame lock for transportation safety. All regulators, torch handles, cutting attachments, welding tips can be changed into your required models.



1C016-0006B
Applicable Gas
Oxygen & acetylene (propane)

Capacity
Cuts up to 8"(200mm) / Welds up to 1/2"(12.7mm)

01	Carry Tote	06	Cutting Attachment	11	Welding Gloves
02	Acetylene Regulator	07	Torch Handle	12	Google
03	Oxygen Regulator	08	Cutting Nozzle	13	Single Flint Lighter
04	Acetylene Cylinder(8/10L)	09	Welding Tips	14	Wrench
05	Oxygen Cylinder(8/10L)	10	Twin Welding Hose 4.5 m	15	Tip Cleaner



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 ideal for use in repair shops,garages or wherever casual welding requirement may apply. Frame lock for transportation safety. All regulators,torches handles, cutting attachments, weling tips can be changed into your required models.

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

Applicable gas	Oxygen and acetylene
Application	High-volume cutting and soldering
Capacity	Cuts up to 8"(200mm) Welds up to 1/2"(12.7mm)
Oxygen regulator	CGA540,9/16"-18
Acetylene regulator	CGA510/ CGA300
Cutting attachment	CA2460
Torch handle	315FC
Oxygen cylinder	10L, CGA540
Acetylene cylinder	10L, CGA510/CGA300
Welding tips	200V #1,#2
Cutting tip	1-1-101

Accessories included



Welding goggles	
Twin Hose	4.5m
Lighter	Single flint
Tip Cleaner	80mm / 100mm
Wrench	Multi functional
Tote	Removable trolley

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

Check Valve & Propane Cylinder Available



FEATURES

Cuts up to 75mm, welds up to 9mm. Stainless steel needle valves for precise flame adjustment. Lightweight design providee more comfort. Forged brass head and body for maximum strength. Unique portable tote design for easy carrying during operation. Rear entry regulators for better balance on small cylinders. With all equipment necessary to braze except of cylinders.

1C016-0109

Oxygen regulator	CGA540,9/16"-18
Acetylene regulator	CGA200 ,9/16"-18
Cutting attachment	CA1350
Torch handle	100C
Oxygen cylinder	4L(20 CU.FT.) CGA540
Acetylene cylinder	2L(10 CU.FT.) CGA200
Welding tips	80V #1,#2
Cutting tip	1-3-101

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

Check Valve & Propane Cylinder Available

Accessories included



Welding goggles	
Twin Hose	4.5m
Lighter	Single flint
Tip Cleaner	80mm / 100mm
Wrench	Multi functional
Tote	Red injection molded polypropylene carry case



1C016-0001 UW-1515

Applicable gas	Oxygen and acetylene
Application	Medium-volume soldering
Capacity	Cutting up to 75mm plate Welding up to 9mm plate
Oxygen regulator	CGA540,9/16"-18
Acetylene regulator	CGA200 ,9/16"-18
Cutting attachment	CA1350
Torch handle	100C
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



Welding goggles	
Twin Hose	4.5m
Lighter	Single flint
Tip Cleaner	80mm / 100mm
Wrench	Multi functional
Tote	Red injection molded polypropylene carry case

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

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



1C016-0002 UW-1515-A

OXY-Fuel Brazing Outfits

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 9mm with larger tips. According to different requirements, optional tip sizes are available.

Oxygen regulator	CGA540,9/16"-18
Acetylene regulator	CGA200 ,9/16"-18
Torch handle	100C
Oxygen cylinder	4L(20 CU.FT.) CGA540
Acetylene cylinder	2L(10 CU.FT.) CGA200
Welding tips	80V #1,#2
Welding goggles	
Twin Hose	4.5m
Lighter	Single flint
Tip Cleaner	80mm / 100mm
Wrench	Multi functional
Tote	Red injection molded polypropylene carry case

Jewelry Repair Outfits

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.

Oxygen regulator	CGA540,9/16"-18
Acetylene regulator	CGA200 ,9/16"-18
Torch handle	Little welding torch
Oxygen cylinder	4L(20 CU.FT.) CGA540
Acetylene cylinder	2L(10 CU.FT.) CGA200
Welding tips	#1,#2,#3,#4,#5
Welding goggles	
Twin Hose	4.5m
Lighter	Single flint
Tip Cleaner	80mm / 100mm
Wrench	Multi functional
Tote	Red injection molded polypropylene carry case

1C016-0065



1C016-0002B

Oxygen regulator	CGA540,9/16"-18
Propane regulator	CGA510 ,9/16"-18
Torch handle	100C
Oxygen cylinder	4L CGA540
Propane cylinder	2L CGA510
Welding tips	80V #1,#2

Accessories included

				
3S001-0021	1C003-0006	4P003-0001	4P003-0027	4P003-0009
Welding goggles				
Twin hose	4,5m			
Lighter	Single flint			
Tip cleaner	80mm / 100mm			
Wrench	Multi functional			
Tote	Red injection molded polypropylene carry case			



1C016-0061

This classic **UWELD V** kit, Designed for HVAC and light fabrication applications - Molded, plastic carrying case with an ergonomic handle and balanced design for easy carrying | Built-in storage compartments help you keep your consumables and other accessories right at-hand for quick, easy access

Oxygen regulator	CGA540,9/16"-18
Acetylene regulator	CGA200 ,9/16"-18
Torch handle	30V
Oxygen cylinder	4L(20 CU.FT.) CGA540
Acetylene cylinder	2L(10 CU.FT.) CGA200
Welding tips	#1,#2,#3
Welding goggles	
Twin hose	4,5m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Glove	
Tote	Injection molded polypropylene carry case



1C016-0060

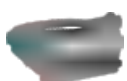
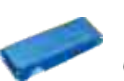
This classic **UWELD H** kit contains all the quality equipment needed for cutting, welding and brazing packaged in a rugged, molded plastic carrying case. The outfit is designed to carry one MC acetylene cylinder and one 20 cu. ft. oxygen cylinder. As supplied, the outfit is capable of cutting up to a 1" plate and welding up to a 1/16" plate. The outfit can also cut up to a 4" plate and weld up to a 1/2" plate with optional larger tips and an acetylene cylinder.

Oxygen regulator	CGA540,9/16"-18
Acetylene regulator	CGA200 ,9/16"-18
Cutting attachment	72-3
Torch handle	85
Oxygen cylinder	4L(20 CU.FT.) CGA540
Acetylene cylinder	2L(10 CU.FT.) CGA200
Welding tips	23A90 ,#1,#2,#3
Cutting tip	6290-1AC
Mixer	
Welding goggles	
Twin hose	4,5m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Glove	
Tote	Injection molded polypropylene carry case



1C016-0017A

Accessories included

				
3S001-0021	1C003-0006	4P003-0001	4P003-0027	4P003-0009
Welding goggles				
Twin hose			4.5m	
Lighter			Single flint	
Tip cleaner			80mm / 100mm	
Wrench			Multi functional	
Tote			UWELD Multi-functional trolley	

FEATURES

- Cuts up to 75mm, welds up to 9mm.
- Stainless steel needle valves for precise flame adjustment.
- Lightweight design providee more comfort.
- Forged brass head and body for maximum strength.
- Unique portable tote design for easy carrying during operation.
- Rear entry regulators for better balance on small cylinders.
- With all equipment necessary to braze except of cylinders.



1C016-0018A

Oxygen regulator	CGA540,9/16"-18
Acetylene regulator	CGA200 ,9/16"-18
Cutting attachment	CA1350
Torch handle	100C
Oxygen cylinder	4L(20 CU.FT.) CGA540
Acetylene cylinder	2L(10 CU.FT.) CGA200
Welding tips	80V #1,#2
Cutting tip	1-3-101

Welding rod seat

Wheel

Accessories included



3S001-0021	1C003-0006	4P003-0001	4P003-0027	4P003-0009
Welding goggles				
Twin hose		4.5m		
Lighter		Single flint		
Tip cleaner		80mm / 100mm		
Wrench		Multi functional		
Tote		UWELD Multi-functional trolley		



1C016-0016B

Applicable gas	Oxygen and MAPP
Capacity	Welding up to 1/2" (12.7mm) plate
Oxygen regulator	CGA540,3/8"-24
MAPP regulator	CGA600,3/8"-24
Torch handle	30V
Welding tips	#1,#2
Oxygen cylinder	5L, CGA540
MAPP cylinder	14.1 oz./400gm*2(Not included)
Welding goggles	
Twin hose	3m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD Multi-functional trolley



1C016-0016A

Applicable gas	Oxygen and MAPP
Capacity	Welding up to 1/2" (12.7mm) plate
Oxygen regulator	CGA540,9/16"-18
MAPP adptor	CGA600,9/16"-18
Torch handle	80V
Welding tips	#1,#2
Oxygen cylinder	2L, CGA540
MAPP cylinder	14.1 oz./400gm(Not included)
Welding goggles	
Twin hose	3m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD Multi-functional carry case

Powerful Pin Point Flame, heat up to 5252°F (2900°C), Make the Cutting and Welding job easy
Upgraded Solid Brass Fittings and Pin Point Tip
Upgraded gas control knob on the handle for easy adjustment
Dual Fuel Feeds by Oxygen and MAPP/ MAP PRO/ Propane
Free Sturdy Stainless Cylinder Standing and Hanging Rack included
Free hand Flint Spark Lighter included
Ergonomic designed handle provides easy grip and make sure working comforts
Compatible with Propane, MAPP and MAP/PRO fuel gas

Silver soldering copper pipes
Loosening rusted nuts/bolts/screws
Brazing copper/mild steel/aluminum
Jewelery work
General heating applications



1C016-0019A

Applicable gas	Oxygen and MAPP
Capacity	Welding up to 1/8" (3.2mm) plate
Oxygen regulator	CGA540,3/8"-24
MAPP adaptor	CGA600
Welding torch	
Oxygen cylinder	8L, CGA540
MAPP cylinder	14.1oz./400gm(Not included)
Welding goggles	
Twin hose	3m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	Multi-functional bag cart



1C016-0019B

Applicable gas	Oxygen and MAPP
Capacity	Welding up to 1/2" (12.7mm) plate
Oxygen regulator	CGA540,3/8"-24
MAPP adaptor	CGA600
Torch handle	30V
Welding tips	#1, #2
Oxygen cylinder	8L, CGA540
MAPP cylinder	14.01oz./400gm(Not included)
Welding goggles	
Twin hose	3m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	Multi-functional bag cart

FEATURES

- Powerful Pin Point Flame, heat up to 5252°F (2900°C), Make the Cutting and Welding job easy
- Upgraded Solid Brass Fittings and Pin Point Tip
- Upgraded gas control knob on the handle for easy adjustment
- Dual Fuel Feeds by Oxygen and MAPP/ MAP PRO/ Propane
- Free Sturdy Stainless Cylinder Standing and Hanging Rack included
- Free hand Flint Spark Lighter included
- Ergonomic designed handle provides easy grip and make sure working comforts
- Manual Ignition
- Compatible with Propane, MAPP and MAP/PRO fuel gas



1C016-0077

Applicable gas	Oxygen and MAPP
Capacity	Welding up to 1/2" (12.7mm) plate
Oxygen regulator	CGA540,3/8"-24
MAPP regulator	CGA600,3/8"-24
Welding torch	
Oxygen cylinder	2L, CGA540
MAPP cylinder	14.1 oz./400gm(Not included)
Welding goggles	
Twin hose	2m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD Multi-functional case



1C016-0078

Applicable gas	Oxygen and MAPP
Capacity	Welding up to 1/2" (12.7mm) plate
Oxygen bridge	W21.8 to M12X1.25
Propane bridge	W21.8 to M12X1.25
Welding torch	
Oxygen cylinder with gauge	2L
Propane cylinder with gauge	0.6L
Twin hose	1.2m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD Multi-functional case



1C016-0063

Applicable gas	Oxygen and MAPP
Capacity	Welding up to 1/2" (12.7mm) plate
Oxygen regulator	M12X1/M10X1,9/16"-18
MAPP regulator	CGA600(7/16),9/16"-18
Welding torch	
Welding tips	#1,#2,#3,#4
Oxygen cylinder	1L(Not included)
MAPP cylinder	14.1 oz./400gm(Not included)
Welding goggles	
Twin hose	2m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD steel case



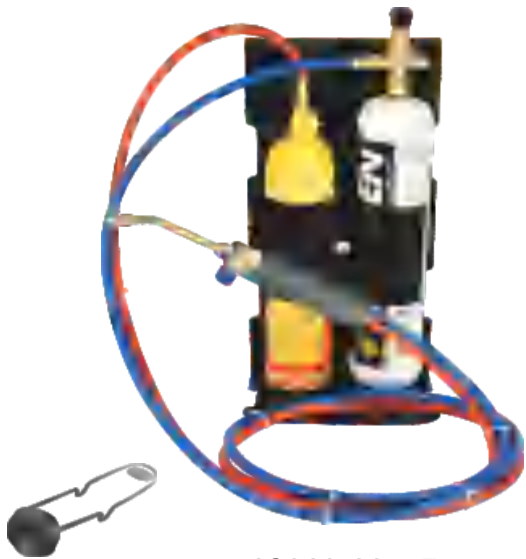
1C016-0047E

Applicable gas	Oxygen and MAPP
Capacity	Welding up to 1/2" (12.7mm) plate
Oxygen regulator with gague	M12X1/M10X1,3/8"-24
MAPP regulator with gague	CGA600(7/16),3/8"-24
Welding torch	
Welding tips	40 L/Hr & 70 L/Hr
Oxygen cylinder	1L(Not included)
MAPP cylinder	14.1 oz./400gm(Not included)
Welding goggles	
Twin hose	2m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD steel case



1C016-0047D

Applicable gas	Oxygen and MAPP
Capacity	Welding up to 1/2" (12.7mm) plate
Welding torch	
Welding tips	#1,#2,#3,#4
Oxygen cylinder	1.4 oz/40g(Not included)
MAPP cylinder	14.1 oz./400gm(Not included)
Welding goggles	
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD Multi-functional bag



1C016-0047F

Applicable gas	Oxygen and MAPP
Capacity	Welding up to 1/2" (12.7mm) plate
Oxygen regulator without gague	M12X1/M10X1,3/8"-24
MAPP adaptor	7/16(CGA600),3/8"-24
Welding torch	
Welding tip	40 L/Hr & 70 L/Hr
Oxygen cylinder	1L(Not included)
MAPP cylinder	14.1 oz./400gm(Not included)
Welding goggles	
Twin hose	2m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD steel case



1C016-0047C

Applicable gas	Oxygen and MAPP
Capacity	Welding up to 1/2" (12.7mm) plate
Welding torch	
Welding tips	#1,#2,#3,#4
Oxygen cylinder	1.4 oz/40g(Not included)
MAPP cylinder	14.1 oz./400gm(Not included)
Welding goggles	
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD steel case



1C016-0047G

Applicable gas	Oxygen and MAPP
Capacity	Welding up to 1/2" (12.7mm) plate
Oxygen regulator with gague	M12X1/M10X1,3/8"-24
MAPP regulator with gague	CGA600(7/16),3/8"-24
Welding torch	
Welding tip	40 L/Hr & 70 L/Hr
Oxygen cylinder	1L(Not included)
MAPP cylinder	14.1 oz./400gm(Not included)
Welding goggles	
Twin hose	2m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD steel case

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.



HEAVY DUTY WELDING & CUTTING OUTFIT



1C016-0045 UW-1503

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 oxygen regulator	CGA540/CGA992,9/16"-18
Heavy duty acetylene regulator	CGA510/ CGA300/CGA993,9/16"-18
Cutting attachment	CA2460
Torch handle	315FC
Welding tips	#1, #3, #5
Cutting tip	1-1-101
Heating tip	MFA#8
Welding goggles	
Twin hose	4.5m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD Multi functional case

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.



1C016-0046(U) UW-1504(U)
H-501 Welding&Cutting Kit.

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 oxygen regulator	CGA540/CGA992,9/16"-18
Medium duty acetylene regulator	CGA510/ CGA300/CGA993,9/16"-18
Cutting attachment	72-3
Torch gandle	85
Welding tips	#1,#3,#5
Cutting tip	6290 #2
Mixer	
Welding goggles	
Twin gose	4.5m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD Multi functional case

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

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 oxygen regulator	CGA540/CGA992,9/16"-18
Medium duty acetylene regulator	CGA510/ CGA300/CGA993,9/16"-18
Cutting attachment	Ca1350
Torch handle	100C
Welding tips	#1,#2,#3
Cutting tip	1-3-101
Welding goggles	
Twin gose	4.5m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD Multi functional case



1C016-0046 UW-1504
H-501 Welding&Cutting Kit.

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 oxygen regulator	CGA540/CGA992,9/16"-18
Medium duty acetylene regulator	CGA510/ CGA300/CGA993,9/16"-18
Cutting attachment	72-3
Torch handle	85
Welding tips	#1,#3,#5
Cutting tip	6290 #2
Mixer	
Welding goggles	
Twin hose	4.5m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD Multi functional case

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

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 oxygen regulator	CGA540/CGA992,9/16"-18
Medium duty acetylene regulator	CGA510/ CGA300/CGA993,9/16"-18
Cutting attachment	CA1350
Torch handle	100C
Welding tips	#1,#2,#3
Cutting tip	1-3-101
Welding goggles	
Twin hose	4.5m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD Multi functional case



1C016-0045A UW-1503-A

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
Medium duty oxygen regulator	CGA540/CGA992,9/16"-18
Medium duty acetylene regulator	CGA510/ CGA300/CGA993,9/16"-18
Cutting attachment	CA2460
Torch handle	315FC
Welding tips	#1, #3, #5
Cutting tip	1-1-101
Heating tip	MFA#8
Welding goggles	
Twin hose	4.5m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD Multi functional case



1C016-0042

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
Medium duty oxygen regulator	5/8", 3/8"
Medium duty acetylene regulator	5/8", 3/8"
Cutting attachment	
Torch handle	
Welding tips	#3, #5, #7
Cutting tip	ANME
Mixer	
Welding goggles	
Twin hose	4.5m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD Multi functional case



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

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 oxygen regulator	CGA540/CGA992,9/16"-18
Medium duty acetylene regulator	CGA510/ CGA300/CGA993,9/16"-18
Cutting attachment	CA1350
Torch handle	100C
Welding tips	#1, #2, #3
Cutting tip	1-3-101
Welding goggles	
Twin hose	4.5m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD Multi functional case





1C016-0052
Heavy duty journeyman welding&cutting kit.

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 oxygen regulator	CGA540/CGA992,9/16"-18
Heavy duty acetylene regulator	CGA510/ CGA300/CGA993,9/16"-18
Cutting attachment	CA2460
Torch handle	315FC
Welding tips	#1, #3, #5
Cutting tip	1-1-101
Heating tip	MFA#8
Welding goggles	
Twin hose	4.5m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD Multi functional case



1C016-0036
Heavy Duty Welding & Cutting Outfit

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 oxygen regulator	CGA540/CGA992,9/16"-18
Heavy duty acetylene regulator	CGA510/ CGA300/CGA993,9/16"-18
Cutting attachment	CA2460
Torch Hhandle	315FC
Welding tips	#1, #3, #5
Cutting tip	1-1-101
Heating tip	MFA#8
Welding goggles	
Twin hose	4.5m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD Multi functional case



1C016-0057
Medium duty welding & cutting kit.

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 oxygen regulator	CGA540/CGA992,9/16"-18
Medium duty acetylene regulator	CGA510/ CGA300/CGA993,9/16"-18
Cutting attachment	CA1350
Torch handle	100C
Welding tips	#1, #2, #3
Cutting tip	1-3-101
Welding goggles	
Twin hose	4.5m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD Steel case



1C016-0031
Meidum Duty Welding & Cutting Outfit

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 oxygen regulator	CGA540/CGA992,9/16"-18
Medium duty acetylene regulator	CGA510/ CGA300/CGA993,9/16"-18
Cutting attachment	72-3
Torch handle	85
Welding tip	#1
Cutting tip	6290 #2
Flashback arrestors for regulator	
Mixer	
Welding goggles	
Twin hose	4.5m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD Multi functional bag

1C016-0039A
Meidum Duty Welding & Cutting Outfit

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 oxygen regulator	CGA540/CGA992,9/16"-18
Medium duty acetylene regulator	CGA510/ CGA300/CGA993,9/16"-18
Cutting attachment	72-3
Torch handle	85
Welding tips	#1,#3,#5
Cutting tip	6290 #2
Mixer	
Welding goggles	
Twin hose	4.5m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
UWELD Multi functional bag & colour box	

1C016-0057A
Medium duty welding & cutting kit.

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 oxygen regulator	CGA540/CGA992,9/16"-18
Medium duty acetylene regulator	CGA510/ CGA300/CGA993,9/16"-18
Cutting attachment	CA1350
Torch handle	100C
Welding tips	#1,#2
Cutting tip	1-3-101
Welding goggles	
Twin hose	4.5m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
PVC Packping	

1C016-0035
Medium duty welding & cutting kit.

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 oxygen regulator	CGA540/CGA992,9/16"-18
Medium duty acetylene regulator	CGA510/ CGA300/CGA993,9/16"-18
Cutting attachment	
Torch handle	
Welding tips	#1,#2
Cutting tip	1-1-101
Welding goggles	
Twin hose	4.5m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
UWELD Colour box	

1C016-0037
Heavy duty journeyman welding&cutting kit.

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 ES4 oxygen regulator	CGA540/CGA992,9/16"-18
Heavy duty ES4 acetylene regulator	CGA510/ CGA300/CGA993,9/16"-18
Cutting attachment	CA2460
Torch handle	315FC
Welding tip	#1
Cutting tip	1-1-101
Heating tip	MFA#8
Welding goggles	
Twin hose	4.5m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
UWELD colour box	





1C016-0036A
Heavy Duty Welding & Cutting Outfit

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 oxygen regulator	CGA540/CGA992,9/16"-18
Heavy duty acetylene regulator	CGA510/ CGA300/CGA993,9/16"-18
Cutting attachment	CA2460
Torch handle	315FC
Welding tips	#1,#3
Cutting tip	1-1-101
Welding goggles	
Twin hose	4.5m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD Multi-functional bag cart



1C016-0039
Meidum Duty Welding & Cutting Outfit

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 oxygen regulator	CGA540/CGA992,9/16"-18
Medium duty acetylene regulator	CGA510/ CGA300/CGA993,9/16"-18
Cutting attachment	72-3
Torch handle	85
Welding tips	#1,#3,#5
Cutting tip	6290 #2
Mixer	
Welding goggles	
Twin hose	4.5m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
Tote	UWELD Multi functional bag

FEATURES:

- Suitable for light to medium duty cutting, welding and heating
- kit contents are all made to Australian Standards where required
- Multi fuelled torch
- Comfortable grip handle
- Tough solid brass construction
- Excellent flame stability
- High flow oxygen cutting valveCuts up to 150mm (6")
- Torch profile gives excellent job visibility
- Ideal for the tradesman, contractor & handyman



1C016-0048A
Meidum Duty Welding & Cutting Outfit

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 oxygen regulator	5/8,5/8UNF
Medium duty acetylene regulator	5/8,5/8UNF
Cutting attachment	
Blowpipe	
Welding tips	551 (#8,#12,#15)
Cutting tips	41 (#8,#12,#15)
Mixer	
Welding goggles	
Twin hose	4.5m
Lighter	Single flint
Tip Cleaner	80mm / 100mm
Wrench	Multi functional
UWELD Multi functional toolbox	



1C016-0048B
Meidum Duty Welding & Cutting Outfit

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 Oxygen Regulator	5/8,5/8UNF
Medium duty Acetylene Regulator	CGA510,5/8UNF
Cutting Attachment	
Blowpipe	
Welding Tips	554 (#8,#12,#15)
Cutting Tip	44 (#8,#12,#15)
Mixer	
Welding Goggles	
Twin Hose	4.5m
Lighter	Single flint
Tip Cleaner	80mm / 100mm
Wrench	Multi functional
UWELD Multi functional toolbox	



1C016-0053A Medium Duty Welding & Cutting Outfit

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 oxygen regulator	5/8,5/8UNF
Medium duty acetylene regulator	5/8,5/8UNF
Cutting attachment	
Blowpipe	
Welding tips	551 (#8, #12, #15)
Cutting tips	41 (#8, #12, #15)
Heating tip	8×12 HT
Flashback arrestors for regulator and torch	
Mixer	
Roller guide	
Welding goggles	
Twin hose	10 m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
UWELD Multi functional toolbox	



1C016-0074 Medium Duty Welding & Cutting kit

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 Oxygen Regulator	5/8,5/8UNF
Medium duty Acetylene Regulator	5/8,5/8UNF
Cutting Attachment	
Blowpipe	
Welding Tips	551 (#8, #12, #15)
Cutting Tip	41 (#8, #12, #15)
Heating Tip	8×12 HT
Flashback arrestors for regulator and torch	
Mixer	
Roller guide	
Welding Goggles	
Twin Hose	4.5 m
Lighter	Single flint
Tip Cleaner	80mm / 100mm
Wrench	Multi functional
UWELD Multi functional toolbox	



1C016-0053B Medium Duty Welding & Cutting Outfit

Application	High-volume cutting and welding
Capacity	Welding up to 3/8" (9mm) plate Cutting up to 6" (150mm) plate
Medium duty oxygen regulator	5/8,5/8UNF
Medium duty acetylene regulator	CGA510,5/8UNF
Cutting attachment	
Blowpipe	
Welding tips	554 (#8, #12, #15)
Cutting tips	44 (#8, #12, #15)
Heating tip	8×12 HT
Flashback arrestors for regulator and torch	
Mixer	
Roller guide	
Welding goggles	
Twin hose	10 m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
UWELD Multi functional toolbox	



1C016-0072 Medium Duty Welding & Cutting kit

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 oxygen regulator	5/8,5/8UNF
Medium duty acetylene regulator	CGA510,5/8UNF
Cutting attachment	
Blowpipe	
Welding tip	554 (#8)
Cutting tips	44 (#8, #12, #15)
Flashback arrestors for regulator	
Mixer	
Welding goggles	
Twin hose	4.5 m
Lighter	Single flint
Tip cleaner	80mm / 100mm
Wrench	Multi functional
UWELD Multi functional toolbox	

X11
ORIGINAL - THE BASIS SYSTEM
Original - complete box comprising:

- >> Non-return valve BV-12 acetylene G1/4"-LH x Ø5.0 mm
- >> Non-return valve BV-12 oxygen G1/4" x Ø5.0 mm
- >> Cutting attachment Injector(i)
- >> Welding attachment 80l/h
- >> Welding attachment 160l/h
- >> Welding attachment 315l/h
- >> Welding attachment 500l/h
- >> Welding attachment 800l/h
- >> Welding attachment 1000l/h
- >> Cutting nozzle Ha 411-1
- >> Cutting nozzle Ha 411-2
- >> Cutting nozzle Ha 411-3
- >> Cleaning needle Kit
- >> Fixed key for six key widths
- >> Eva packaging
- >> Robust plastic storage box
That also contains Instructions

Component
Cutting attachment(i) 90°head with lever Valve
Cutting attachment(i) 90°head with Wheel Valve

X21
ORIGINAL - THE BASIS SYSTEM
Original - complete box comprising:

- >> Non-return valve BV-12 acetylene G3/8"-LH x Ø6.3 mm
- >> Non-return valve BV-12 oxygen G3/8" x Ø6.3 mm
- >> X21 cutting attachment 90° or 75° with lever valve
- >> X21 welding attachment 80l/h
- >> X21 welding attachment 160l/h
- >> X21 welding attachment 315l/h
- >> X21 welding attachment 500l/h
- >> X21 welding attachment 800l/h
- >> X21 welding attachment 1000l/h
- >> Cutting nozzle HA 311-1
- >> Cutting nozzle HA 311-2
- >> Cutting nozzle HA 311-3
- >> Cutting suport
- >> Cleaning needle kit
- >> Fixed key for six key widths
- >> Robust plastic storage box
that also contains instructions

Component
Cutting attachment(i) 90°head with lever Valve
Cutting attachment(i) 75°head with Wheel Valve



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

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

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 tips	6290 #1 #2 #3

Accessories included	
Circle Cutting attachment	Brass and stainless steel
Tote	Injection molded polypropylene tool box
Tip cleaner	13 sizes



1C016-0050AL
Medium Duty Welding & Cutting Outfit

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

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

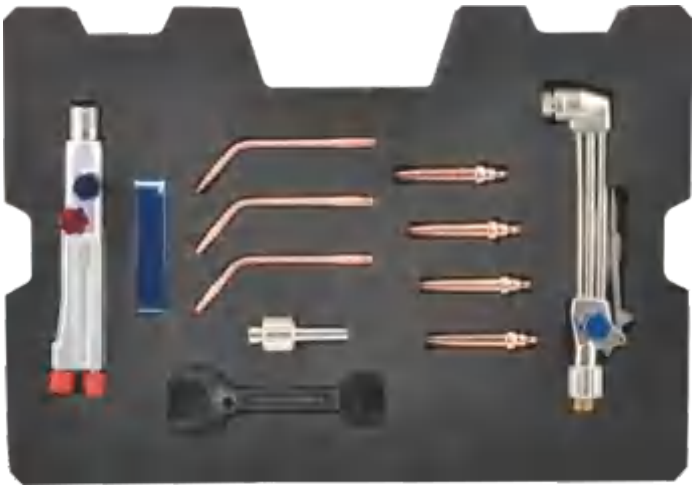
Accessories included	
Circle Cutting Attachment	Brass and stainless steel
Tote	UWELD Aluminum box
Tip Cleaner	13 sizes



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"



1C016-0104

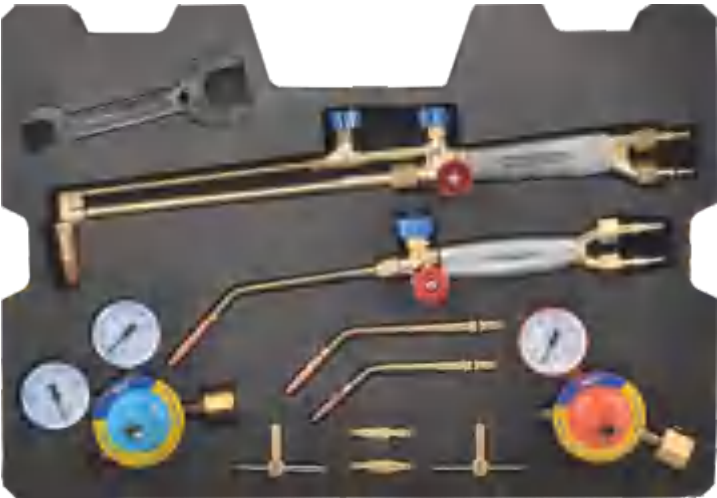
It is a tried and tested blowpipe designed for lightweight production welding and maintenance.
It is a complete welding and cutting blowpipe of proven design.

- 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

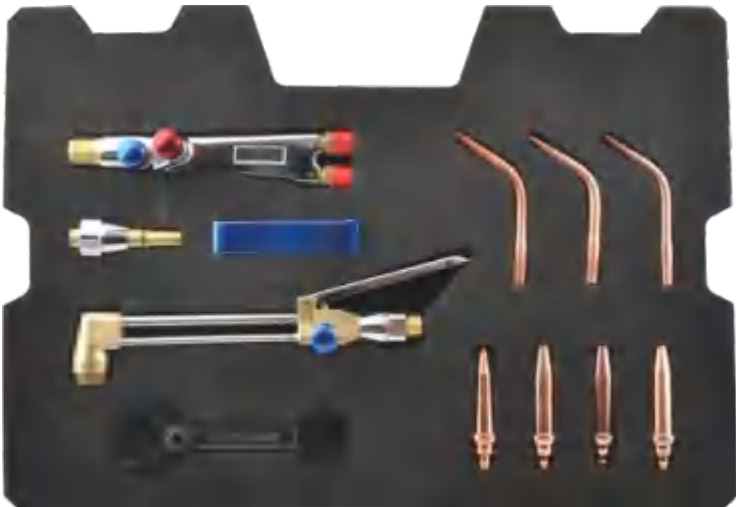


1C016-0102



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 |
| Propan inlet | G7/8 |
| Propane outlet | M16*1.5 |

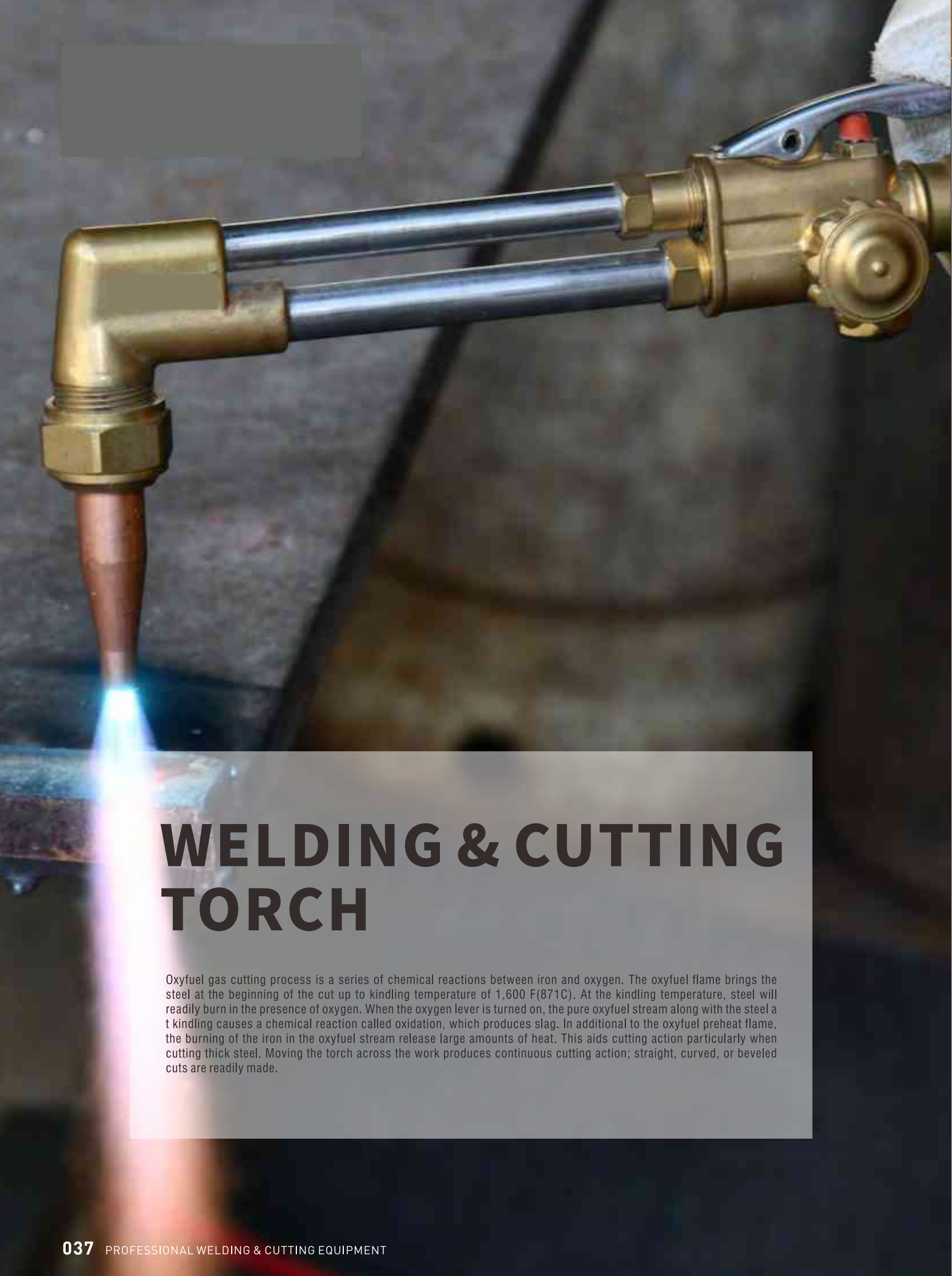


1C016-0105

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



WELDING & 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 a t 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.

CUTTING TORCH

HC 1200C H/D Straight Cutting Torch FEATURES

Cutting Capacity: 18"/457mm.
Available with 75, 90, and 180 Degree Head.
21", 36", 48", 60", and 72" - Call for Longer Torches.
Hose connection 9/16"-18, and other thread sizes available.
Lock down lever is available.
Use of High Flow Flashback Arrestors Is Recommended.

SPECIFICATIONS

Head Angle	75°,90°,180°
Nozzle for Acetylene	1-101
Nozzle for Propane	GPN
Length(mm)	530,915,1220,1524



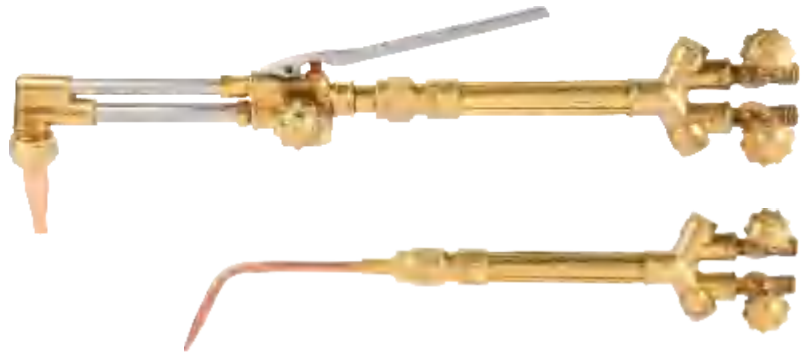
1C005-0001 UW-1201

American Type H/D Cutting Torch FEATURES

Cutting Capacity: 8"/200mm.
Welding Capacity: 3"/76.2mm
CA2460 cutting attachment + 315FC torch handle.
Built-in reverse flow check valves for added safety.
Hose connection 9/16"-18, and other thread sizes available.
Spiral mixer blends oxygen and fuel.
Gas Service Fuel Gas Usage: can be used with all fuel gases with the proper cutting tip.

SPECIFICATIONS

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



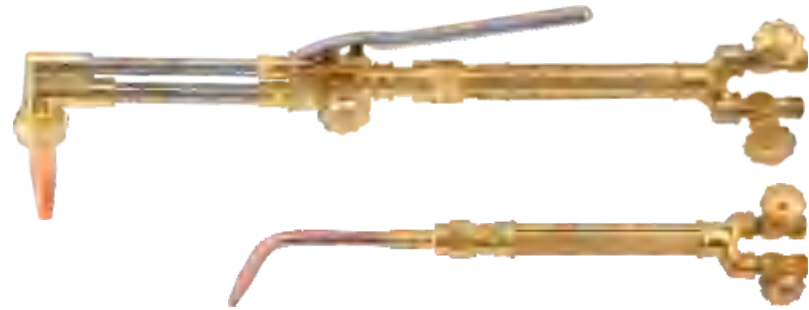
1C005-0002 UW-1202

American Type H/D Cutting Torch FEATURES

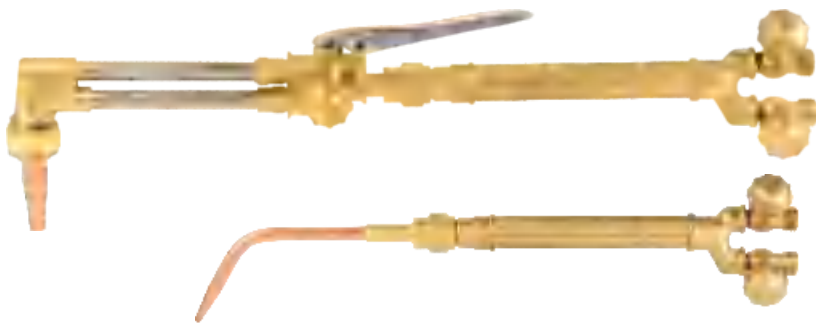
Cutting Capacity: 8"/200mm.
Welding Capacity: 3"/76.2mm
CA2460 cutting attachment + HD 310C torch handle.
Does not include traditional built-in flashback arrestors.
Hose connection 9/16"-18, and other thread sizes available.
Spiral mixer blends oxygen and fuel.
Gas Service Fuel Gas Usage: can be used with all fuel gases with the proper cutting tip.

SPECIFICATIONS

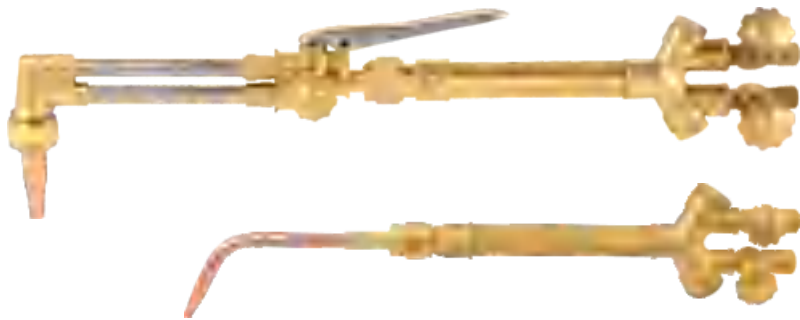
Head Angle	90°
Nozzle for Acetylene	1-101
Nozzle for Propane	GPN
Welding Tip	200V
Heating Tip	MFA(200V)
Length(mm)	480



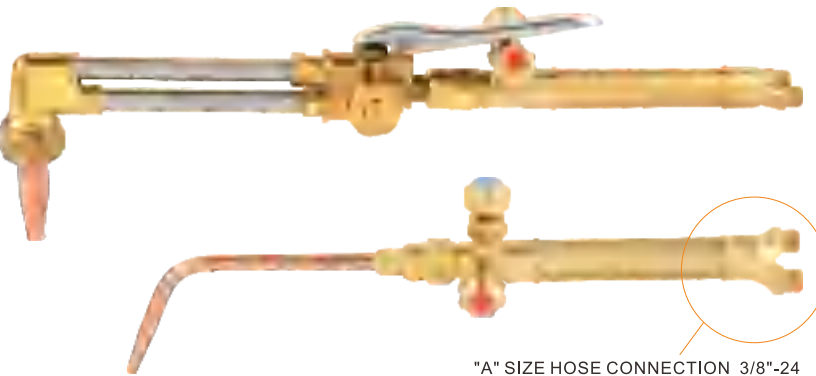
1C005-0003 UW-1203



1C005-0004 UW-1204



1C005-0005 UW-1204-C



"A" SIZE HOSE CONNECTION 3/8"-24



1C005-0075

American Type M/D Cutting Torch

FEATURES

Cutting Capacity: 6"/152.4mm.
Welding Capacity: 1.25"/31.75mm
CA1350 cutting attachment + 100C torch handle.
Hose connection 9/16"-18, and other thread sizes available.
Spiral mixer blends oxygen and fuel.
Gas Service Fuel Gas Usage: can be used with all fuel gases with the proper cutting tip.

SPECIFICATIONS

Head Angle	90°
Nozzle for Acetylene	3-101
Nozzle for Propane	3-GPN
Welding Tip	MFA(80V)
Heating Tip	MFA-1,MFN-1
Length(mm)	420

American Type M/D Cutting Torch

FEATURES

Cutting Capacity: 6"/152.4mm.
Welding Capacity: 1.25"/31.75mm
CA1350 cutting attachment + 100C torch han
CA1350 cutting attachment + 100FC torch handle.
Built-in reverse flow check valves for added safety.
Hose connection 9/16"-18, and other thread sizes available.
Spiral mixer blends oxygen and fuel.
Gas Service Fuel Gas Usage: can be used with all fuel gases with the proper cutting tip.

SPECIFICATIONS

Head Angle	90°
Nozzle for Acetylene	3-101
Nozzle for Propane	3-GPN
Welding Tip	MFA(80V)
Heating Tip	MFA-1,MFN-1
Length(mm)	420

American Style Mini Cutting Torch

FEATURES

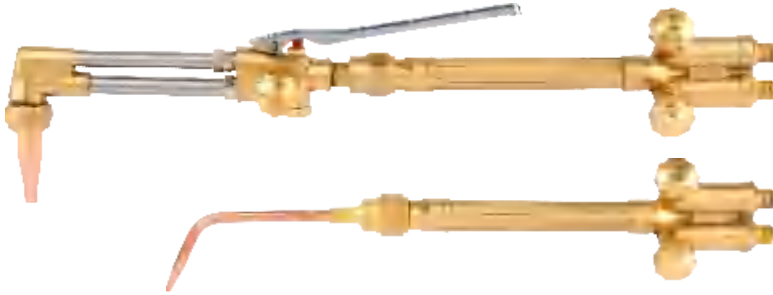
Cutting Capacity: 3"/76.2mm
Welding Capacity: 1/4" / 6.4mm
CA1260 cutting attachment + J-28 torch handle.
Hose connection "A" size 3/8"-24.
Spiral mixer blends oxygen and fuel.
Gas Service Fuel Gas Usage: can be used with all fuel gases with the proper cutting tip.

SPECIFICATIONS

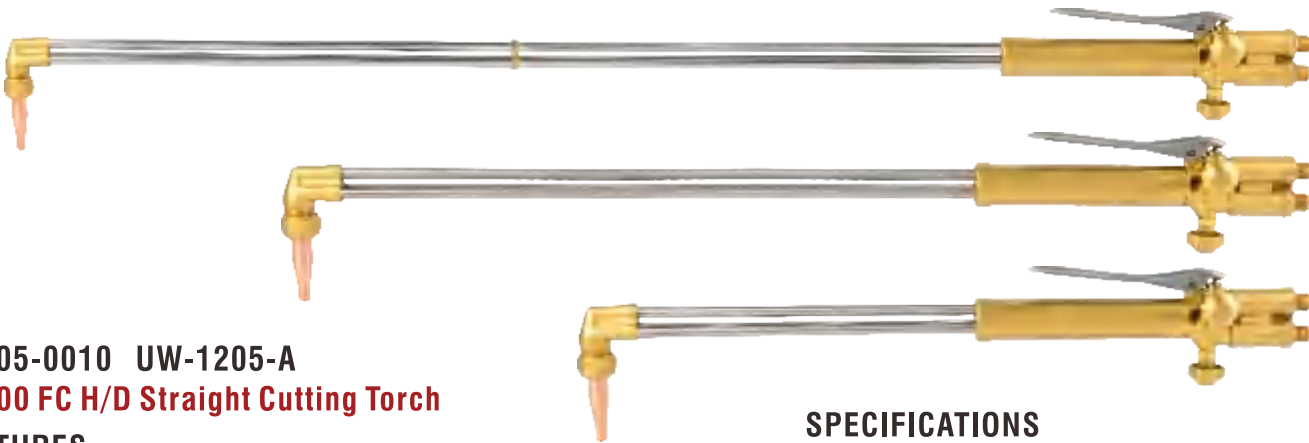
Head Angle	90°
Nozzle for Acetylene	3-101
Nozzle for Propane	3-GPN
Welding Tip	MFA(30V)
Heating Tip	MFA-J



1C005-0008 UW-1205-N



1C005-0009 UW-1205



1C005-0010 UW-1205-A
ST900 FC H/D Straight Cutting Torch

FEATURES

Cutting Capacity: 1/8"/3.25mm to 5"/127mm.
21", 36", 48", 60", and 72" - call for Longer Torches.
Built-in flashback arrestors for added safety.
Hose connection 9/16"-18, and other thread sizes available.
Lock down lever is available.
Use of high flow flashback arrestors Is recommended.

American Type M/D Cutting Torch

FEATURES

Cutting Capacity: 6"/152.4mm.
CA411 cutting attachment + WH414 torch handle.
Hose connection 9/16"-18, and other thread sizes available.
Spiral mixer blends oxygen and fuel.
Gas Service Fuel Gas Usage: can be used with all fuel gases with the proper cutting tip.

SPECIFICATIONS

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

American Type H/D Cutting Torch

FEATURES

Cutting Capacity: 8"/200mm.
Welding Capacity: 3"/76.2mm
CA2460 cutting attachment + H315FC torch handle.
Built-in flashback arrestors for added safety.
Hose connection 9/16"-18, and other thread sizes available.
Spiral mixer blends oxygen and fuel.
Gas Service Fuel Gas Usage: can be used with all fuel gases with the proper cutting tip.

SPECIFICATIONS

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

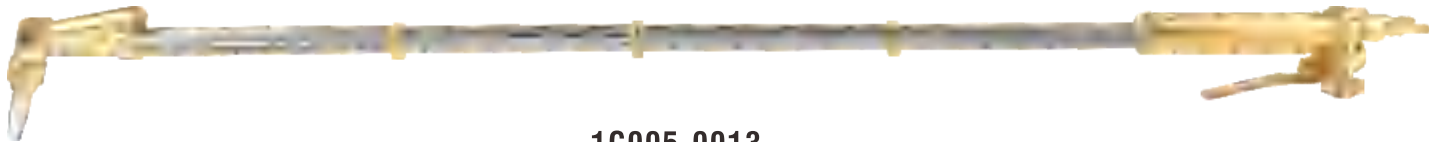
SPECIFICATIONS

Head Angle	90°
Nozzle for Acetylene	1-101
Nozzle for Propane	GPN
Welding Tip	200V
Heating Tip	MFA,MFN
Length(mm)	530,915,1220,1524

62-3F Series Cutting Torch

FEATURES

- Cutting Capacity: 12"/300mm.
- Hose connection 9/16"-18, and other thread sizes available.
- Triangular stainless steel gas tubes for maximum strength
- Two stainless steel needle valves for precise flame adjustment and better durability
- Head mixing for highest operator safety
- Built-in safety plug in torch head
- Stable flame preheating during cutting
- Simple structure for easy maintenance



1C005-0013



1C005-0012 UW-1207

1C005-0015 UW-1209
85 Torch Handle Series



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.

SPECIFICATIONS

Head Angle	75°,90°,180°
Nozzle for Acetylene	6290,6290AC
Nozzle for Propane	6290NX
Length(mm)	480,1100

SPECIFICATIONS

Head Angle	90°
Nozzle for Acetylene	6290,6290AC
Nozzle for Propane	6290NX
Length(mm)	480

42 America Style Hand Cutting Torch

Model 42 medium-duty straight cutting torch is designed for use with all fuel gases or alternate fuels. This torch is lightweight. Model 42 is available in various torch lengths, torch head angles and with unique mixer systems depending on the gas service selected. This torch has a cutting capacity 6" (152.4mm) plate.



1C005-0014

FEATURES

- Brass and steel construction
- Triangular tube design with brazed connections
- Solid forged brass head
- Flip-up forged brass cutting lever
- Ease-on cutting valve
- Inlet Thread:9/16"x18
- Overall Length:18-1/4"

SPECIFICATIONS

Head Angle	90°
Nozzle for Acetylene	6290,6290AC
Nozzle for Propane	6290NX
Length(mm)	480

43 America Style Hand Cutting Torch

1C005-0043 UW-1216

FEATURES

- Heavy-duty combination torch handle for use with all fuel gases.
- Silver-brazed twin inner tube construction for strength, safety and durability while still being lightweight.
- Tube-within-a-tube construction for optimum flow performance while providing maximum leak integrity.
- Cuts up to 5" (127.0mm) ,Welds up to 1" (25.4mm)

SPECIFICATIONS

Head Angle	90°
Nozzle for Acetylene	6290,6290AC
Nozzle for Propane	6290NX
Length(mm)	480



NM 250 Heavy Duty Hand Cutting Torch



1C005-0016



1C005-0020



1C005-0022

41 NOZZLE FOR ACETYLENE
44 NOZZLE FOR PROPANE



1C005-0018

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	Lenght(mm)	Feature
1C005-0016	75°/90°/180°	ANM, ANME	PNM, PNME	480	UPPER LEVER
1C005-0018	75°/90°/180°	ANM, ANME	PNM, PNME	1100	HEAD ANGLE 75°
1C005-0020	75°/90°/180°	ANM, ANME	PNM, PNME	480	CHROMED HANDLE
1C005-0022	75°/90°/180°	41	44	480	DOWN LEVER

G02-200 Hand Cutting Torch



1C005-0065



Lock Button

1C005-0066



1C005-0067

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.
- 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.

SPECIFICATIONS

Models	Head	Nozzle for acetylene	Nozzle for propane	Lenght(mm)	Feature
1C005-0065	75°/90°/180°	ANM, ANME	PNM, PNME	480	
1C005-0066	75°/90°/180°	ANM, ANME	PNM, PNME	480	LOCK BUTTON
1C008-0067	75°/90°/180°	ANM, ANME	PNM, PNME	1100	EXTRA LENGTH / ANGLE

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.
- Die forged brass head for added strength and durability.

SPECIFICATIONS

Head Angle	90°
Nozzle for Acetylene	102HC
Nozzle for Propane	106HC
Length(mm)	480



1C005-0081 UW-1237



1C005-0069

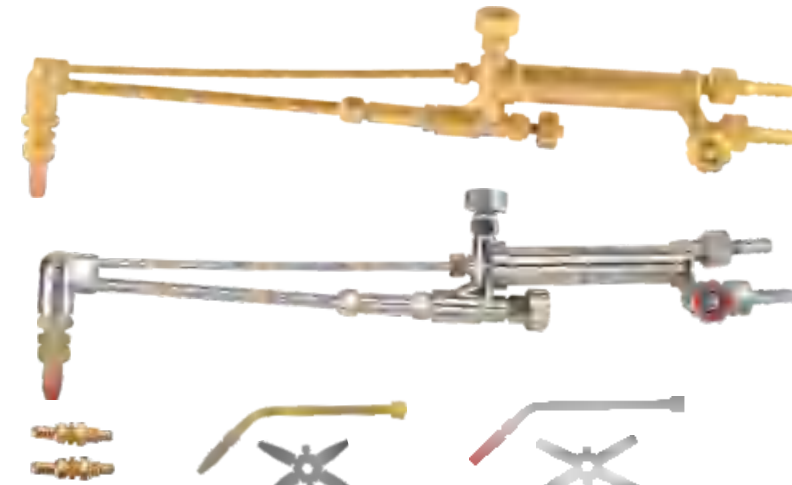
Japanese Style H/D Cutting Welding Torch

FEATURES

Capacity: cutting up to 100mm (4").
Suitable for both acetylene and propane service.
Including 3 pcs cutting nozzles, 5 pcs welding nozzles,
1 pc welding tip.
Hose connection BSP 3/8", and other thread sizes available.
Mostly-widely used cutting torch for general purpose work.

SPECIFICATIONS

Head	90°
Nozzle for Acetylene	"A" AC
Nozzle for Propane	"A" LPG
Length(mm)	540



1C005-0069

Japanese Style M/D Cutting Welding Torch

FEATURES

Cutting capacity: 30mm (1.2").
Suitable for both acetylene and propane service.
Including 3 pcs cutting nozzles, 5 pcs welding nozzles,
1 pc welding tube.
Hose connection BSP 3/8", and other thread sizes available.

SPECIFICATIONS

Head	90°
Nozzle for Acetylene	"M" AC
Nozzle for Propane	"M" LPG
Length(mm)	460

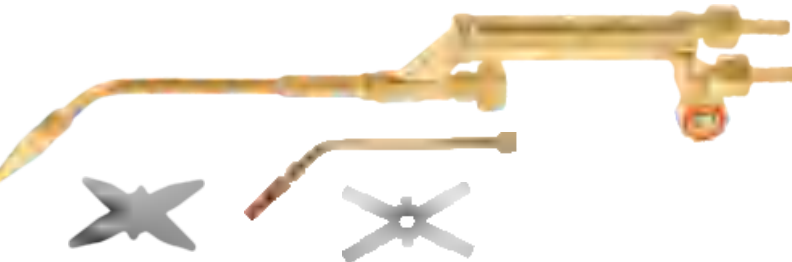
Japanese Style S Welding Torch

FEATURES

Welding Capacity : 0.5mm~8mm (1/64"~5/16")
Suitable For Both Acetylene And Propane Service.
Nozzle Mix Principle For Maximum Safety.
Hose Connection BSP 3/8", And Other Thread Sizes Available.
Die Forged Brass Head For Added Strength And Durability.

SPECIFICATIONS

Welding Capacity(mm)	0-10
Torch Handle	LIGHT DUTY
Welding Tip	WT-08
Hose Connection	BSP 3/8"



1C005-0100 UW-1233



1C005-0079 UW-1236



1C005-0080 UW-1236-A

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.

SPECIFICATIONS

Models	Head	Nozzle for acetylene	Nozzle for propane	Lenght(mm)	Feature
1C005-0079 UW-1236	90°	3040GE	3051GE	480	FULLY PLATED
1C005-0080 UW-1236-A	90°	3040GE	3051GE	480	BRASS

ST-8 Straight Cutting Torch

FEATURES

Stainless steel: Stainless steel material, corrosion-resistant, rust-proof, durable and easy to clean. it can be used for a long time.
Durable and strong: The gas cutting torch is made of high-quality stainless steel, which is durable and has a long service life.
Easy to installation: This gas cutting tool is easy to install and disassemble. it can be installed in a few seconds, which is very convenient.
Different colors of handle can be requested.



1C005-0123



1C005-0138

SPECIFICATIONS

Models	Head	Nozzle for acetylene	Nozzle for propane	Lenght(mm)	Feature
1C005-0138	90°	ST8-A	ST8-P	480	FULLY PLATED
1C005-0138-A	90°	ST8-A	ST8-P	480	BRASS

UW-1214 GE540 Hand Cutting & Welding Torch



1C005-0024(H/D)



1C005-0025(L/D)



1C005-0026(H/D)



1C005-0026(L/D)

UW-1215 GE560 Hand Cutting & Welding Torch



1C005-0034(H/D)



1C005-0035(L/D)



1C005-0036(H/D)



1C005-0036(L/D)



1C005-0033

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.

SPECIFICATIONS

Models	Head	Nozzle for acetylene	Nozzle for propane	Welding tip	Hose connection
1C005-0024/34	90°	ANM, ANME, AGNM	PNM,PNME		BSP 3/8"
1C005-0025/35	90°	AFN			BSP 1/4"
1C005-0026/36				L/W	BSP 1/4"
1C005-0026 HD/36 HD				SW2/3	BSP 3/8"

CUTTING & WELDING OPERATIONS

Cutting Guides

Cutting Nozzles

Cutting Attachment

Welding Nozzles

Light Duty Welding Mixer

Acetylene-Heavy Duty

Heavy Duty Welding Mixer

HEATING OPERATIONS

Propane 2290 Nozzles

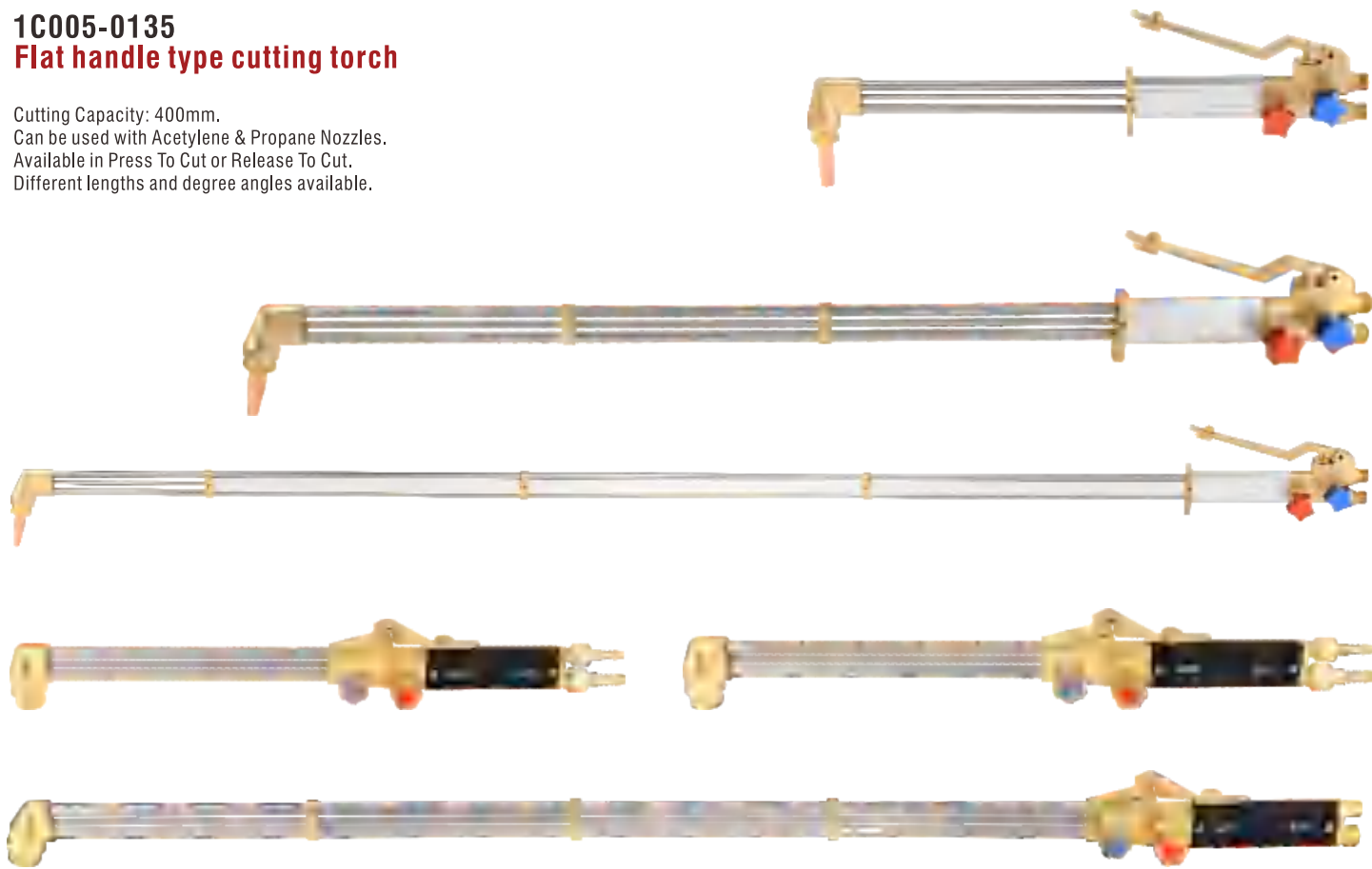
Propane Mixer

Acetylene AHT Nozzles

Acetylene Mixer

1C005-0135
Flat handle type cutting torch

Cutting Capacity: 400mm.
Can be used with Acetylene & Propane Nozzles.
Available in Press To Cut or Release To Cut.
Different lengths and degree angles available.



Head Angle	OXY Inlet	Fuel Inlet	Length (mm)
90°	G 1/4"	G 3/8"LH	470
75°	G 1/4"	G 3/8"LH	470
180°	G 1/4"	G 3/8"LH	470
90°	G 1/4"	G 3/8"LH	855
75°	G 1/4"	G 3/8"LH	855
180°	G 1/4"	G 3/8"LH	855
90°	G 1/4"	G 3/8"LH	1155
75°	G 1/4"	G 3/8"LH	1155
180°	G 1/4"	G 3/8"LH	1155
90°	G 3/8"	G 3/8"LH	470
75°	G 3/8"	G 3/8"LH	470
180°	G 3/8"	G 3/8"LH	470
90°	M16X1.5	M16X1.5LH	470
75°	M16X1.5	M16X1.5LH	470
180°	M16X1.5	M16X1.5LH	470
90°	9/16-18"	9/16-18"LH	470
75°	9/16-18"	9/16-18"LH	470
180°	9/16-18"	9/16-18"LH	470





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

Head Angle	90°
Nozzle for Acetylene	ANM, ANME
Nozzle for Propane	PNM, PNME
Length(mm)	465



1C005-0086



1C005-0087

British Type Welding Torch

FEATURES

Sturdy high quality brass body.
Lightweight & convenient to handle.
Nylon sealed gas valves preventing leak prolonging life service.
Areas of Application:Garages,Service Station,Wrought Iron Furniture.



1C005-0097



1C005-0098



1C005-0099



1C005-0098A

Tip Number	0	1	2	3	5	7	10	13	18	25
Thickness (mm)	0.6	0.91	1.2	2.1	2.6	3.2	.3.9	4.8	6.4	8
Oxygen pressure (kg/sq.cm)	014	0.14	0.14	0.14	0.14	0.28	0.28	0.28	0.42	0.42
Acetylene pressure (kg/sq.cm)	0.14	0.14	0.14	0.14	0.14	0.28	0.28	0.28	0.42	0.042
Consumption of each gas (cu meter/hr)	0.03	0.03	0.06	0.09	0.14	0.2	0.3	0.4	0.5	0.7



1C005-0047 UW-1217-A

SA Hand Cutting & Welding Torch

FEATURES

CUTTING ATTACHMENT

Heavy duty cutting attachment for cutting up to 200mm.
Top cutting lever- Stainless steel tubes for greater heat resistance.
Die forged 90° brass head for strength and durability.
Uses ANM / ANME /PNM and PNME cutting tips.
For use with Acetylene or Propane.

MIXER

Type 2 Mixer is designed to mix oxygen and acetylene gas for brazing/welding and heating applications.
Takes SW2/3 Nozzles for Brazing/Welding applications.

TORCH HANDLE

Brass handle/shank to fit cutting attachment or mixers depending on the desired application.
Takes 3/8" BSP Tail Nuts.

SPECIFICATIONS

Models	Head	Nozzle for acetylene	Nozzle for propane	Welding tip	Hose connection
1C005-0047	90°	ANM, ANME	PNM,PNME	SW2/3	BSP 3/8"



1C005-0088 UW-1248

European style Cutting Torch

FEATURES

Capacity: cutting up to 250mm (10").
Suitable for both acetylene and propane service.
Die-Forged brass head for maximum durability.
Stainless steel tubes for greater strength & durability.
Hose connection BSP 3/8", and other thread sizes available.



1C005-0089 UW-1249

European style Cutting Torch

FEATURES

Capacity: cutting up to 500mm,welding up to 14mm.
Suitable for both acetylene and propane service.
Die-Forged brass head for maximum durability.
Stainless steel tubes for greater strength & durability.
Hose connection BSP 3/8", and other thread sizes available.

SPECIFICATIONS

Models	Head	Nozzle for acetylene	Nozzle for propane	Hose connection
1C005-0088	90°	ANM, ANME	PNM,PNME	BSP 3/8"
1C005-0089				

Switzerland Hand Cutting & Welding Torch

Our standard version covers a welding range up to 30 mm and a cutting range up to 100 mm. The torches guarantee high durability, solid construction and easy handling.
The equipment is available as complete sets or as individual parts and, with the additionally available special accessories, covers practically all forms of welding, cutting, soldering and heating.

FEATURES

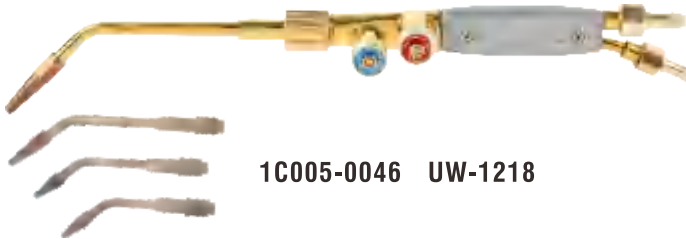
Capacity: cutting up to 100mm (4"),welding up to 30mm (1.2").
Cutting nozzle sizes: #1,#2,#3.
Suitable for both acetylene and propane service.
Covers practically all forms of welding, cutting, soldering and heating.
Light in weight, easy to handle and of an attractive nickel-plated design.
Hose connection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



1C005-0046 UW-1218



1C005-0045 UW-1217



1C005-0046 UW-1218



1C005-0047 UW-1217-A

Standard handle in forged brass, with aluminium grip.
This handle accommodates all welding, cutting and heating heads listed below (spigot diameter 16 mm)

Welding capacity

Welding nozzle #1	0,5-1 mm
Welding nozzle #2	1-2 mm
Welding nozzle #3	2-4 mm
Welding nozzle #4	4-6 mm
Welding nozzle #5	6-9 mm
Welding nozzle #6	9-14 mm
Welding nozzle #7	14-20 mm
Welding nozzle #8	20-30 mm

Cutting capacity

Cutting nozzle acetylene #1	3 – 20 mm
Cutting nozzle acetylene #2	20-50 mm
Cutting nozzle acetylene #3	50-100 mm
Cutting nozzle propane #1	3 – 20 mm
Cutting nozzle propane #2	20-50 mm
Cutting nozzle propane #3	50-100 mm



Cutting Lever



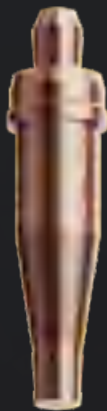
Stainless Steel Tube



Adjusting Knob



Cutting Nozzle



Torch Handle



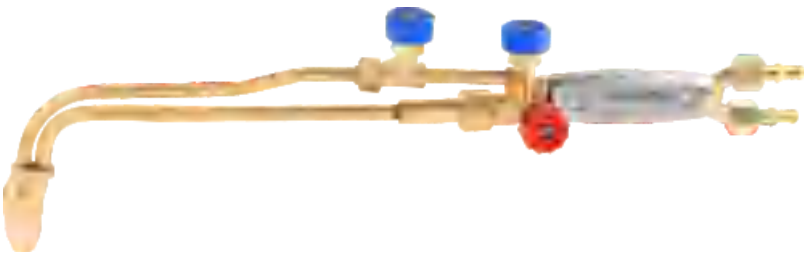
Oxygen Knob



Fuel Knob



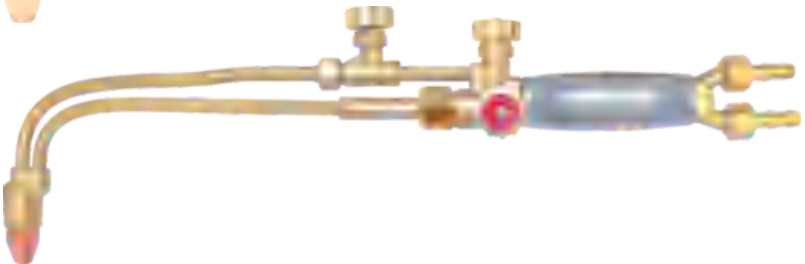
Russia Style Hand Cutting Torch



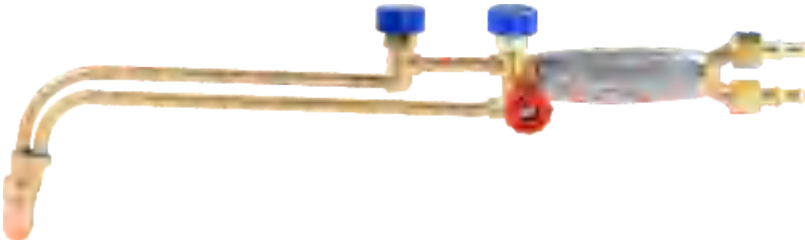
1C005-0051



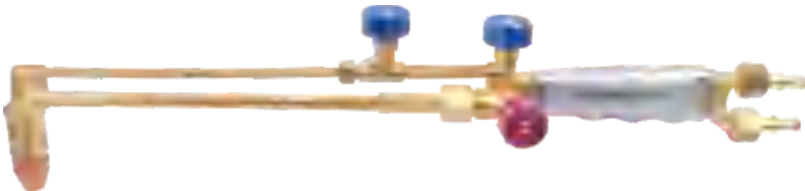
1C005-0051P



1C005-0054



1C005-0052



1C005-0053



1C005-0059P



1C005-0095

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.
Connection thread sizes: M16*1.5; Nipple: 6-9 mm.

FEATURES

Capacity: cutting up to 250mm (10").
Suitable for both acetylene and propane service.
Triangular stainless steel gas tubes for maximum strength.
Two or three stainless steel gas tubes and tough extruded brass torch handle for long life
Head mixing for maximum operator safety.
Universal pressure-maintains stable preheat flame during cutting.
Connection thread sizes: M16*1.5; Nipple: 6-9 mm.



1C005-0057



1C005-0058



1C005-0057L



1C005-0058L



1C005-0057L

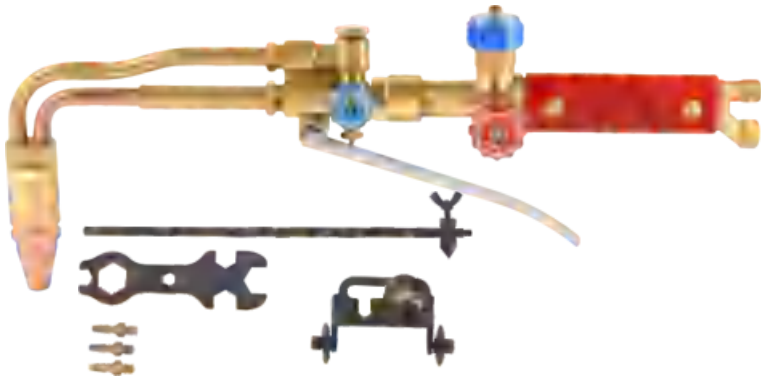


1C005-0058L

Z Type Hand Cutting & Welding Torch

FEATURES

Capacity: cutting up to 250mm (10").
Welding up to 6mm(1/4").
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 possible cutting conditions.
Die forged brass head for added strength and durability.
Hose connection G 1/4-RH, G 3/8-LH.



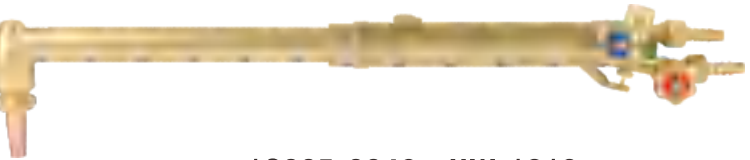
1C005-0061 UW-1228



1C005-0062 UW-1228A

SPECIFICATIONS

Tip	A1	A2	A3	A3	A4
Orifice(mm)	0.7	1	1.3	1.3	1.5
Welding Range(mm)	0.5-1	1-2	2-4	2-4	4-6
OXY pressure(kg/cm ²)	1.5	2.5	3	3	3
ACE Pressure(kg/cm ²)	0.2-0.5	0.2-0.5	0.2-0.5	0.2-0.5	0.2-0.5



1C005-0048 UW-1219



1C005-0049 UW-1220

French Type Hand Cutting Torch

FEATURES

Capacity: cutting up to 300mm (12").
Two stainless steel needle valves for precise flame adjustment and better durability.
Inserted lever and push button ensure operator comfort even after hours of continuous cutting.
Head mixing for highest operator safety.
Strong barrel to protect internal tubes.
90° Head (70° & 180° are available).
Used with G1-A,G1-P tips.
Inlet connection : G3/8"(other sizes thread are available).

SPECIFICATIONS

Models	Head	Nozzle for acetylene	Nozzle for propane	Length(mm)
1C005-0048	90°	G1-P	G1-A	530
1C005-0049	90°	G1-P	G1-A	505



1C005-0083 UW-1239



1C005-0084 UW-1340



1C005-0001A

Brazil Type Cutting Torch

FEATURES

Capacity: cutting up to 300mm (12").
Suitable for both acetylene and propane service.
Use With 1502/1503 nozzles.
Die forged brass head for added strength and durability.
Triangular stainless steel gas tubes for maximum strength.
Stainless steel lever for easy cutting use.
Hose connection 9/16"-18, and other thread sizes available.

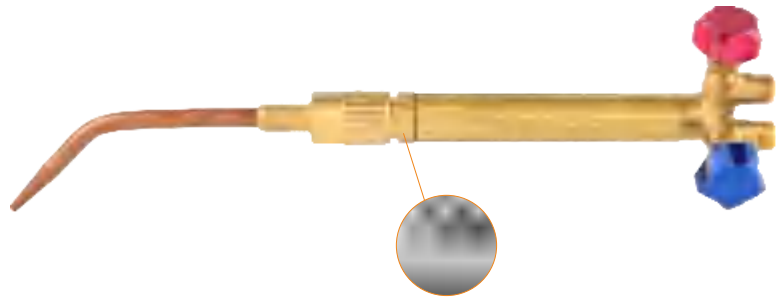
SPECIFICATIONS

Head	90°
Nozzle for Acetylene	1502
Nozzle for Propane	1503
Length(mm)	550

Brazil Type H/D Welding Torch

FEATURES

Heavy duty welding torch SW-201 for acetylene
Welding range :0.5mm—9.5mm.
Inlet connection :9/16"-18.
Tough extruded brass handle for strength.
Two stainless steel needle valves for precise flame adjustment and better durability.
No screws or soldered joints for easier maintenance.
Used with 201-W welding nozzle.

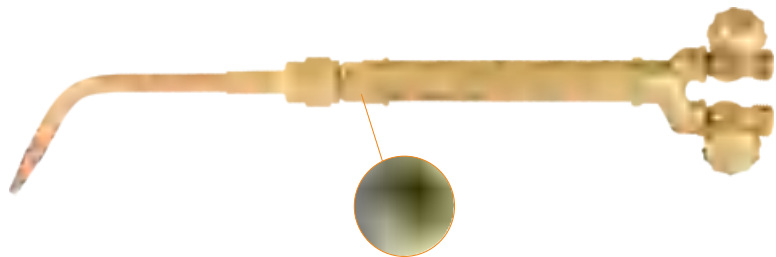


1C005-0101 UW-1242

Brazil Type L/D Welding Torch

FEATURES

Lighter duty welding torch SW-200 for Acetylene.
Welding range :0.5mm—9.5mm.
Inlet connection :9/16"-18.
Tough extruded brass handle for strength.
Two stainless steel needle valves for precise flame adjustment and better durability.
No screws or soldered joints for easier maintenance.
Used with 200-W welding nozzle.



1C005-0004A

Australia Style Cutting Torch

FEATURES

It is suitable for fusion welding, braze welding, brazing, soldering, heating, hand cutting, sheet metal cutting, rivet cutting, powder facing and flame cleaning.
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 5/8" UNF, and other thread sizes available.



SPECIFICATIONS

Head	90°
Nozzle for Acetylene	41
Nozzle for Propane	44
Length(mm)	480

French Style Hand Welding Torch

Welding range: 2mm~10mm
Inlet connection: G 1/4-RH, G 3/8-LH



SPECIFICATIONS

Tip	250	315	400	500	630	800	1000
Orifice(mm)	0.6	0.7	0.8	0.9	1.05	1.2	1.5
Welding Range(mm)	2-2.5	2.5-3	3-3.5	3.5-5	5-6.5	6.5-7.5	7.5-10
OXY pressure(kg/cm²)	2	2	2.5	2.5	3	3.5	4
ACE Pressure(kg/cm²)	0.2-0.8	0.2-0.8	0.2-0.8	0.2-0.8	0.2-0.8	0.2-0.8	0.2-0.8

Jeweler's Soldering Torch Series

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)

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" 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)



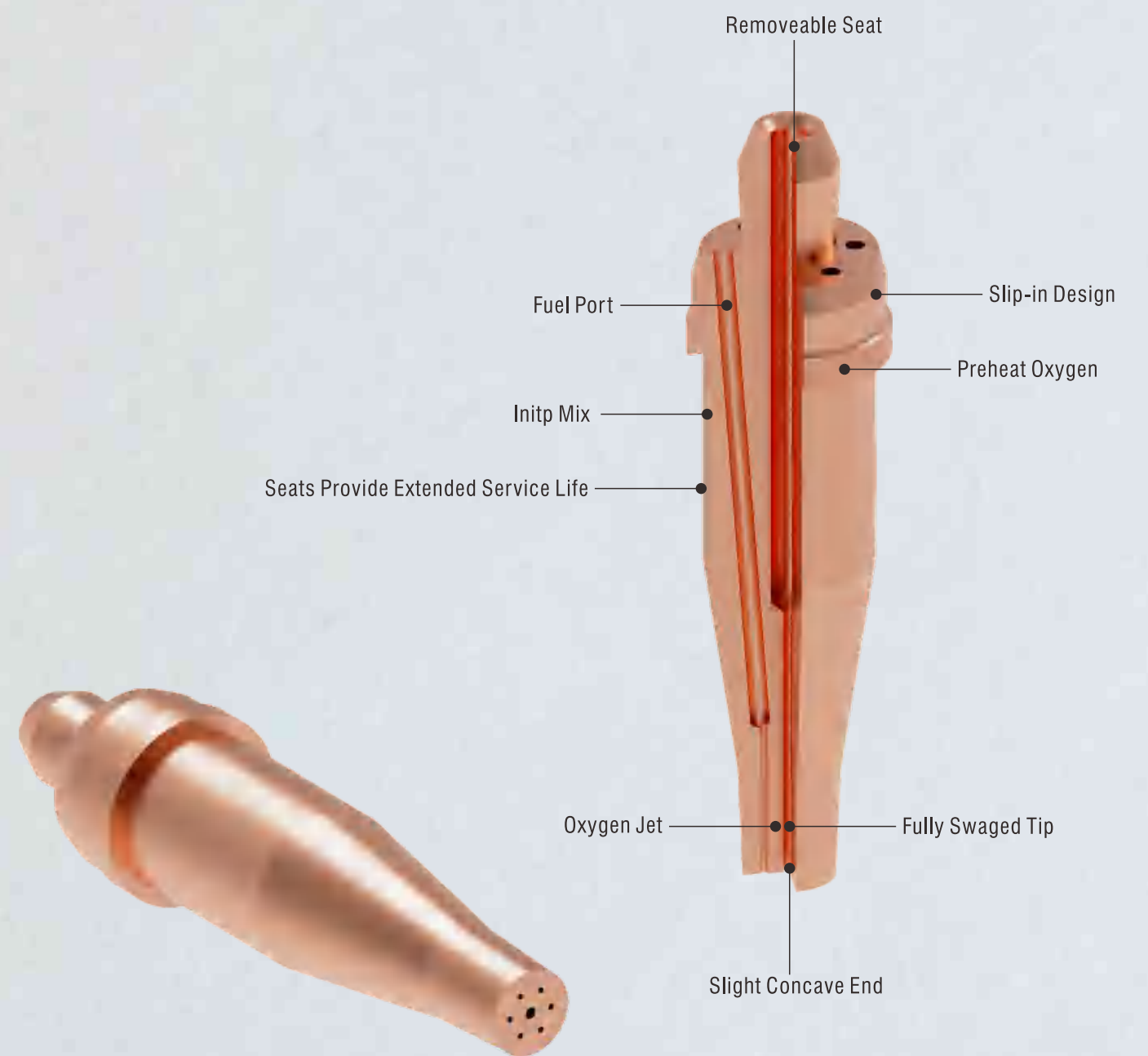
Applications: jewelry repair & manufacture, hobby & crafts, metal & sculpture, glass blowing, plumbing, electronics & repair.
Flexibility: can be used with several fuels including acetylene, hydrogen, propane, propylene, or natural gas.
Stability: produces perfectly controlled, completely stable flame 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
1C005-0105/6	0-10	LIGHT DUTY	MINOR	9/16" or 3/8"

CUTTING NOZZLE & WELDING TIP







1C001-0001 1-101

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Pre-heat Oxygen Pressure(psig)	Acetylene Pressure (psig)
1C001-0001	000	1/8"	20/25	3/5	3/5
	00	1/4"	20/25	3/5	3/5
	0	3/8"-1/2"	30/35	3/6	3/5
	1	3/4"	30/35	4/7	3/5
	2	1"-1-1/2"	40/45	4/12	3/7
	3	2"-2-1/2"	45/50	5/16	4/10
	4	3"	40/50	6/17	5/10
	5	4"-5"	50/55	7/20	5/13
	6	6"-8"	45/55	10/25	7/14
	7	10"	45/55	15/30	10/15
	8	12"	45/55	20/35	10/15



1C001-0002 1-101 30°

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Pre-heat Oxygen Pressure(psig)	Acetylene Pressure (psig)
1C001-0002	0	3/4"	30/35	3/6	3/5
	1	3/4"	30/35	4/7	3/5
	2	1"	35/40	4/9	3/6



1C001-0003 3-101

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Pre-heat Oxygen Pressure(psig)	Acetylene Pressure (psig)
1C001-0003	000	1/8"	20/25	3/5	3/5
	00	1/4"	20/25	3/5	3/5
	0	3/8"-1/2"	30/35	3/6	3/5
	1	3/4"	30/35	4/7	3/5
	2	1"-1-1/2"	40/45	4/12	3/7
	3	2"-2-1/2"	45/50	5/16	4/10
	4	3"	40/50	6/17	5/10
	5	4"-5"	50/55	7/20	5/13



1C001-0004 1-118

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Pre-heat Oxygen Pressure(psig)	Acetylene Pressure (psig)
1C001-0004	0	3/8"-1/2"	25/30	3-5	3/5
	2	1"-1-1/2"	40/45	4/12	3/7
	4	3"	40/50	6/17	5/10
	6	8"	45/55	10/25	7/14
	8	12"	45/55	20/35	10/15



1C001-0005 1-108

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Pre-heat Oxygen Pressure(psig)	Acetylene Pressure (psig)
1C001-0005	0	1/2"	30/35	3/6	3/5
	1	3/4"	30/35	4/7	3/5
	2	1"-1-1/2"	40/45	4/12	3/7
	3	2"	45/50	5/16	4/10
	4	3"	40/50	6/17	5/10



1C001-0006 1-303MP

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0006	0	3/8"-1/2"	25/30	3/5	Acetylene
	1	3/4"	30/35	4/6	Acetylene
	2	1-1/2"	40/45	5/9	Acetylene
	3	2"-2-1/2"	45/50	7/10	Acetylene
	4	3"	45/55	8/12	Acetylene
	5	5"	45/55	8/12	Acetylene
	6	8"	45/65	10/15	Acetylene



1C001-0007 GPN

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0007	000	1/8"	20/25	3/5	Propane/Natural gas
	00	1/4"	20/25	3/5	Propane/Natural gas
	0	3/8"-1/2"	30/35	3/5	Propane/Natural gas
	1	3/4"	30/35	4/6	Propane/Natural gas
	2	1"-1-1/2"	40/45	5/9	Propane/Natural gas
	3	2"-2-1/2"	45/50	6/10	Propane/Natural gas
	4	3"	45/50	8/12	Propane/Natural gas
	5	4"-5"	50/55	8/12	Propane/Natural gas
	6	6"-8"	55/65	10/15	Propane/Natural gas



1C001-0008 GPM

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0008	00	1/4"	20/25	6/10	Propane/MAPP
	0	1/2"	25/30	6/10	Propane/MAPP
	1	3/4"	70/80	6/10	Propane/MAPP
	2	1"	35/40	6/10	Propane/MAPP
	3	2"	40-50	6/10	Propane/MAPP
	4	3"	45/50	7/10	Propane/MAPP



1C001-0009 GPP

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0009	00	1/4"	20/25	3/5	Propane/MAPP
	0	3/8"-1/2"	25/35	3/5	Propane/MAPP
	1	3/4"	30/35	3/5	Propane/MAPP
	2	1-1/2"	35/40	3/6	Propane/MAPP
	3	2"-2-1/2"	40/50	4/9	Propane/MAPP
	4	3"	45/50	6/9	Propane/MAPP
	5	4"-5"	45/55	6/10	Propane/MAPP
	6	6"-8"	45/65	8/12	Propane/MAPP



1C001-0010 MTHN

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0010	00	3/8"	85/95	8	Propane/Natural gas
	0	3/4"	85/95	8	Propane/Natural gas
	1	1-1/2"	85/95	8	Propane/Natural gas
	2	3"	85/95	8	Propane/Natural gas
	3	6"	85/95	8	Propane/Natural gas
	4	8"	85/95	8	Propane/Natural gas
	5	10"	85/95	8	Propane/Natural gas
	6	10"	85/95	8	Propane/Natural gas



1C001-0011 3-GPN

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0011	00	1/4"	20/25	3/5	Propane/Natural gas
	0	3/8"-1/2"	25/30	3/5	Propane/Natural gas
	1	1"	30/35	3/5	Propane/Natural gas
	2	2"	35/45	4/8	Propane/Natural gas
	3	2"-2-1/2"	40/50	5/10	Propane/Natural gas



1C001-0012 3-GPP

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0012	000	3/4"	20/25	3/5	Propane/MAPP
	00	1/4"	20/25	3/5	Propane/MAPP
	0	3/8"-1/2"	25/30	3/5	Propane/MAPP
	1	3/4"	30/35	4/6	Propane/MAPP
	2	1"-1-1/2"	35/45	5/9	Propane/MAPP
	3	2"-2-1/2"	45/50	5/10	Propane/MAPP
	4	3"	45/50	8/12	Propane/MAPP
	5	8"	45/55	7/10	Propane/MAPP
	6	3"	55/65	10/15	Propane/MAPP



1C001-0013 6290

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0013	000	3/16"	15/20	5/15	Acetylene
	00	3/16"-3/8"	20/25	5/15	Acetylene
	0	3/8" - 5/8"	35/40	5/15	Acetylene
	1	5/8"-1"	35/40	5/15	Acetylene
	2	1"-2"	40/45	10/15	Acetylene
	3	2"-3"	45/50	10/15	Acetylene
	4	3"-6"	50/75	10/15	Acetylene



1C001-0014 6290AC

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0014	00	3/16"-3/8"	15/30	8/15	Acetylene
	0	3/8" - 5/8"	20/35	8/15	Acetylene
	1	5/8"-1"	30/50	8/15	Acetylene
	2	1"-2"	40/65	8/15	Acetylene
	3	2"-4"	40/65	8/15	Acetylene
	4	4"-7"	50/80	8/15	Acetylene
	5	7"-10"	65/80	8/15	Acetylene
	6	10"-12"	70/95	8/15	Acetylene



1C001-0015 6290G

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0015	1G	1/8"-1/4"	35	5/15	Acetylene
	2G	3/16"-3/8"	50	5/15	Acetylene
	3G	1/4"-1/2"	50	5/15	Acetylene



1C001-0016 6290NFF

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0016	000	3/16"	20/30	5/15	Propane/Natural gas
	00	3/8"	15/20	5/15	Propane/Natural gas
	0	5/8"	20/30	5/15	Propane/Natural gas
	1	5/8"	20/35	5/15	Propane/Natural gas
	2	5/8"-2"	30/55	5/15	Propane/Natural gas
	3	2"-4"	45/65	5/15	Propane/Natural gas
	4	4"-7"	55/75	5/15	Propane/Natural gas
	5	7"-10"	60/80	10/15	Propane/Natural gas
	6	10"-11"	80/90	10/15	Propane/Natural gas



1C001-0017 6290VVC

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure	Gas Type
1C001-0017	000	3/8"	75	4 oz - 2 psi	Propane/Natural gas
	00	1/2"	75	4 oz - 2 psi	Propane/Natural gas
	0	3/4"	90	4 oz - 2 psi	Propane/Natural gas
	1	2"	100	4 oz - 2 psi	Propane/Natural gas
	2	4"	100	4 oz - 2 psi	Propane/Natural gas
	3	6"	100	4 oz - 2 psi	Propane/Natural gas
	4	8"	100	4 oz - 2 psi	Propane/Natural gas
	5	9"	90	4 oz - 2 psi	Propane/Natural gas
	6	11'	60	4 oz - 2 psi	Propane/Natural gas



1C001-0018 6290NXP

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0018	000	3/16"-3/8"	15/20	5/15	Propane/Natural gas
	00	3/8" - 5/8"	20/30	5/15	Propane/Natural gas
	0	12	30/40	5/15	Propane/Natural gas
	1	5/8"-1"	35/50	5/15	Propane/Natural gas
	2	1"-2"	40/55	5/15	Propane/Natural gas
	3	2"-3"	45/60	5/15	Propane/Natural gas
	4	3"-6"	50/75	5/15	Propane/Natural gas
	5	6"-8"	65/80	5/15	Propane/Natural gas
	6	8"-12"	70/90	5/15	Propane/Natural gas



1C001-0019 6290NXM

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Acetylene Pressure (psig)	Gas Type
1C001-0019	000	3/8"	15/20	5/15	MAPP/Natural gas
	00	5/8"	20/30	5/15	MAPP/Natural gas
	0	8"-12"	30/40	5/15	MAPP/Natural gas
	1	3/16"	40/50	5/15	MAPP/Natural gas
	2	1"	40/55	5/15	MAPP/Natural gas
	3	2"	45/60	5/15	MAPP/Natural gas
	4	3"	42	5/15	MAPP/Natural gas
	5	6"	65/80	5/15	MAPP/Natural gas
	6	8"	70/90	5/15	MAPP/Natural gas



1C001-0020 6290NX

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Acetylene pressure (psig)	Gas Type
1C001-0020	000	3/8"	10/30	5/15	Propane/Natural gas
	00	3/16"-3/8"	20/30	5/15	Propane/Natural gas
	0	3/8" - 5/8"	20/30	5/15	Propane/Natural gas
	1	5/8"-1"	35/50	5/15	Propane/Natural gas
	2	1"-2"	40/55	5/15	Propane/Natural gas
	3	2"-3"	45/60	5/15	Propane/Natural gas
	4	3"-6"	50/70	5/15	Propane/Natural gas
	5	6"-8"	65/80	5/15	Propane/Natural gas
	6	8"-12"	70/90	5/15	Propane/Natural gas



1C001-0021 6290GG

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0021	1	1/8"-1/4"	25/30	5	Propane/Natural gas
	2	3/16"-3/8"	30/35	5	Propane/Natural gas
	3	1/4"-1/2"	30/35	6	Propane/Natural gas



1C001-0022 114

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0022	00	1/8"	25/30	2	Acetylene
	0	1/4"	25/30	2	Acetylene
	1	3/8"	25/30	3	Acetylene
	2	3/4"	35/40	3	Acetylene
	3	1-1/2"	45/50	3	Acetylene
	4	2-1/2"	55/60	3	Acetylene
	5	3"	55/60	4	Acetylene
	6	5"-7"	55/60	5	Acetylene
	7	7"	60/70	5	Acetylene
	8	8"	65/70	5	Acetylene



1C001-0023 261

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0023	00	1/8"	30	3	Propane/Natural gas
	0	1/4"	30	4	Propane/Natural gas
	1	1/2"	40	5	Propane/Natural gas
	2	1"	50	5	Propane/Natural gas
	3	2"	50	5	Propane/Natural gas
	4	2-1/4"	50	6	Propane/Natural gas
	5	4"	60	8	Propane/Natural gas
	6	7"	65	10	Propane/Natural gas
	7	10"	70	10	Propane/Natural gas
	8	12"	70	10	Propane/Natural gas



1C001-0024 138

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0024	00	1/8"	25/30	3	Acetylene
	0	1/4"	25/30	3	Acetylene
	1	3/8"	35/40	3	Acetylene
	2	3/4"-1"	45/50	3	Acetylene
	3	1-1/2"-2"	45/50	3	Acetylene
	4	2-1/2"	45/50	3	Acetylene



1C001-0025 183

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0025	6	1/8" – 1/4"	50/65	3	Acetylene
	8	1/4" – 3/8"	65/85	5	Acetylene
	10	3/8" – 1/2"	84/100	7	Acetylene
	12	7/16" – 5/8"	90/110	9	Acetylene



1C001-0026 164

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0026	00	1/8"	20/25	5	Acetylene
	0	5/16"	20/25	5	Acetylene
	1	1/2"	25/30	5	Acetylene
	2	1"	30/40	8	Acetylene
	3	1-3/4"	40/50	8	Acetylene
	4	2-1/2"	45/55	10	Acetylene
	5	4"	45/60	10	Acetylene
	6	6"	50/70	12	Acetylene
	7	8"	55/85	15	Acetylene
	8	10"	55/95	15	Acetylene
	9	12"	65/95	15	Acetylene
	10	13"	70/100	15	Acetylene



1C001-0027 363

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0027	0	1/4"	30	4	Propane/Natural gas
	1	2"	40	5	Propane/Natural gas
	2	1"	50	5	Propane/Natural gas
	3	2"	50	5	Propane/Natural gas
	4	14"	50	6	Propane/Natural gas
	5	1"	60	8	Propane/Natural gas
	6	2"	65	10	Propane/Natural gas
	8	2-1/2"	702	10	Propane/Natural gas



1C001-0028 AFH

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0028	000	1/4" – 3/8"	70/80	2/4	MAPP/Propane
	00	1/2"	75/80	2/4	MAPP/Propane
	0	5/8"	75/80	3/5	MAPP/Propane
	1	1"	80/85	3/5	MAPP/Propane
	2	1-1/2"	80/85	4/7	MAPP/Propane
	3	2"	80/85	4/7	MAPP/Propane
	4	3"-4"	85/95	5/9	MAPP/Propane
	5	5"	85/95	5/9	MAPP/Propane



1C001-0029 SC12

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0029	000	1/8"	20	10	Acetylene
	00	3/16"	20	10	Acetylene
	0	1/4" – 3/8"	35	10	Acetylene
	1	1/2"-5/8"	40	10	Acetylene
	2	1-1/4"-3/4"	50	10	Acetylene
	3	1-1/2"-2"	45	10	Acetylene
	4	2-1/2"-4"	50	10	Acetylene
	5	8"	70	10	Acetylene
	6	12"	90	10	Acetylene
	7	14"	85	10	Acetylene



1C001-0030 SC50

Order No	Model Size	Cutting Thickness (inch)	Gas Type
1C001-0030	00	3/16"	Propane/Natural gas
	0	1/4-3/8"	Propane/Natural gas
	1	1/2"-5/8"	Propane/Natural gas
	2	3/4"-1-1/4"	Propane/Natural gas
	3	1-1/2"-2"	Propane/Natural gas
	4	2-1/2 - 3"	Propane/Natural gas
	5	5"-6"	Propane/Natural gas
	6	10"-12"	Propane/Natural gas
	7	14"	Propane/Natural gas
	8	16"-18"	Propane/Natural gas



1C001-0031 SC21A

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0031	0	3/16"	85	10	Propane/Natural gas
	1	3/8"	85	10	Propane/Natural gas
	2	1"	100/110	10	Propane/Natural gas
	3	1-1/2"	35/115	10	Propane/Natural gas
	4	2-1/2"	100	10	Propane/Natural gas



1C001-0032 SC40

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0032	0	3/8"	35	10	Propane/Natural gas
	1	1/2"-5/8"	40	10	Propane/Natural gas
	2	3/4"-1-1/4"	50	10	Propane/Natural gas
	3	1-1/2"-2"	45	10	Propane/Natural gas
	4	4"	50	10	Propane/Natural gas
	5	1-1/4"	51	10	Propane/Natural gas



1C001-0033 SC60

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0033	1	1/2"-5/8"	40	10	Propylene
	2	3/4"-1-1/4"	50	10	Propylene
	3	1-1/2"-2"	45	10	Propylene
	4	2-1/2"-4"	50	10	Propylene
	5	5"-8"	70	10	Propylene



1C001-0034 MC12

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0034	00	1/8"-3/16"	20	10	Acetylene
	0	1/4-3/8"	35/40	10	Acetylene
	1	1/2-5/8"	50	10	Acetylene
	2	5/8"-1"	55	10	Acetylene
	3	1-1/2"-2"	60	10	Acetylene
	4	2-1/2"-4"	65	10	Acetylene
	5	5"-6"	80/90	10	Acetylene



1C001-0035 MC40

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0035	0	1/4"-3/8"	35/40	10	Propane/Natural gas
	1	5/8"	45/50	10	Propane/Natural gas
	2	3/8"-3/4"	50/60	10	Propane/Natural gas
	3	2"	60/65	10	Propane/Natural gas
	4	2-1/2"-4"	65/75	10	Propane/Natural gas



1C001-0036 MC60

Order No	Model Size	Cutting Thickness (inch)	Oxygen Consumption (SCFH)	Fuel Consumption (SCFH)	Gas Type
1C001-0036	1	1/2"-5/8"	75/81	7	Propylene
	2	3/4"-1-1/4"	107/133	7	Propylene
	3	1-1/2"-2"	170/181	11	Propylene
	4	2-1/2"4"	249/320	11	Propylene



1C001-0037 ANME

Order No	Model Size	Cutting Range (mm)	Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Gas Type
1C001-0037	1/32"	1-5	1.5	0.5	Acetylene
	3/64"	5-10	2	0.5	Acetylene
	1/16"	10-30	2.5	1	Acetylene
	5/64"	30-60	3	1	Acetylene
	3/32"	60-100	3.5	1.5	Acetylene
	1/8"	100-200	4	1.5	Acetylene

Propane



1C001-0038 PNME9

Order No	Model Size	Cutting Range (mm)	Oxygen Pressure (Bar)	Propane Pressure (Bar)	Gas Type
1C001-0038	1/32"	3-6	1.5-2.0	0.3	Propane
	3/64"	5-12	2.0-2.5	0.3	Propane
	1/16"	10-75	2.5-4.0	0.5	Propane
	5/64"	70-100	3.0-3.5	0.6	Propane
	3/32"	90-150	3.0-3.5	0.6	Propane
	7/64"	140-200	4.0-4.5	0.7	Propane
	1/8"	190-300	5.0-6.0	0.7	Propane



1C001-0039 PNME18

Order No	Model Size	Cutting Range (mm)	Oxygen Pressure (Bar)	Propane Pressure (Bar)	Gas Type
1C001-0039	1/32"	3-6	1.5-2.0	0.3	Propane
	3/64"	5-12	2.0-2.5	0.3	Propane
	1/16"	10-75	2.5-4.0	0.5	Propane
	5/64"	70-100	3.0-3.5	0.6	Propane
	3/32"	90-150	3.0-3.5	0.6	Propane
	7/64"	140-200	4.0-4.5	0.7	Propane
	1/8"	190-300	5.0-6.0	0.7	Propane



1C001-0040 ANM

Order No	Model Size	Cutting Range (mm)	Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Gas Type
1C001-0040	1/32"	3-6	1.5	0.3	Acetylene
	3/64"	5-12	1.8-2.2	0.35	Acetylene
	1/16"	10-75	2.6-3.5	0.4	Acetylene
	5/64"	70-100	3.1	0.4	Acetylene
	3/32"	90-150	2.8-3.2	0.4	Acetylene
	7/64"	140-200	3.1-3.7	0.45	Acetylene
	1/8"	190-300	4.5-6.2	0.45	Acetylene



1C001-0041 PNM

Order No	Model Size	Cutting Range (mm)	Oxygen Pressure (Bar)	Propane Pressure (Bar)	Gas Type
1C001-0041	1/32"	3-6	1.5-2.0	0.3	Propane
	3/64"	5-12	2.0-2.5	0.3	Propane
	1/16"	10-75	2.5-4.0	0.5	Propane
	5/64"	70-100	3.0-3.5	0.6	Propane
	3/32"	90-150	3.0-3.5	0.6	Propane
	7/64"	140-200	4.0-4.5	0.7	Propane
	1/8"	190-300	5.0-6.0	0.7	Propane



1C001-0042 ANGM

Order No	Model Size	Cutting Range (mm)	Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Gas Type
1C001-0042	13	3-8	4.0	0.5-0.6	Acetylene
	19	6-10	5.0	0.5-0.6	Acetylene
	25	10-13	5.5	0.55	Acetylene



1C001-0043 ANGM

Order No	Model Size	Cutting Range (mm)	Oxygen Pressure (Bar)	Acetylene Pressure (Bar)	Gas Type
1C001-0043	1	0.8-3	1.0-1.5	0.2	Acetylene



1C001-0044 1502

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0044	3	1/4"	20/25	5/7	Acetylene
	4	1/2"	30/35	5/7	Acetylene
	6	1-1/2"	40/45	5/7	Acetylene
	8	4"	35/45	6/8	Acetylene
	10	8"	55/65	6/10	Acetylene
	12	12"	55/65	10/12	Acetylene



1C001-0045 1511

Order No	Model Size	Oxygen Pressure (mpa)	Acetylene Pressure (mpa)	Oxygen Flux (1/h)	Ethine Flux (1/h)
1C001-0045	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 1503/1534

Order No	Model Size	Cutting Thickness (mm)	Orifice (mm)	Gas Type
1C001-0046	2	3	0.6	Propane/Natural gas
	3	10	0.8	Propane/Natural gas
	4	16	1.0	Propane/Natural gas
	6	38	1.5	Propane/Natural gas
	8	100	2.1	Propane/Natural gas
	10	150	2.5	Propane/Natural gas
	12	200	3.0	Propane/Natural gas
	14	250	3.6	Propane/Natural gas
	16	350	4.2	Propane/Natural gas



1C001-0047 4202

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0047	2	2"	30/38	5/10	Acetylene
	3	3"	40/48	5/10	Acetylene
	4	4"	30/73	5/10	Acetylene
	5	4"	60/73	5/12	Acetylene
	7	5"	67/73	5/12	Acetylene
	9	6"	67/73	7/12	Acetylene
	11	10"	80/86	7/12	Acetylene
	13	12"	80/86	7/12	Acetylene



1C001-0048 4203

Order No	Model Size	Cutting Thickness (inch)	Oxygen Pressure (psig)	Fuel Pressure (psig)	Gas Type
1C001-0048	3	3/8"	68/74	2/5	Acetylene
	4	5/8"	12/45	2/5	Acetylene
	5	1-1/2"	38/55	3/5	Acetylene
	6	1-1/2"	48/62	2/5	Acetylene
	9	5"	35/44	10/15	Acetylene
	11	6"	68/74	10/15	Acetylene



1C001-0049 41



1C001-0050 41B

Order No	Model Size	Cutting Thickness (mm)	Orifice (mm)	Gas Type
1C001-0049 1C001-0050	6	1-6	0.6	Acetylene
	8	6-10	0.8	Acetylene
	12	12-20	1.2	Acetylene
	15	25-75	1.5	Acetylene
	20	100-125	2.0	Acetylene
	24	150-200	2.4	Acetylene
	32	225-300	3.2	Acetylene
	48	300-400	4.8	Acetylene



1C001-0051 44

Order No	Model Size	Cutting Thickness (mm)	Orifice (mm)	Gas Type
1C001-0051	6	1-6	0.6	Propane
	8	6-10	0.8	Propane
	12	12-20	1.2	Propane
	15	25-75	1.5	Propane
	20	100-125	2.0	Propane
	24	150-200	2.4	Propane
	32	225-300	3.2	Propane
	48	300-400	4.8	Propane



1C001-0053 G1-A

Order No	Model Size	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Fuel Pressure (mpa)	Gas Type
1C001-0053	7/10	3-10	0.3-0.5	0.05-0.1	Acetylene
	10/10	10-25	0.5-0.7	0.05-0.1	Acetylene
	12/10	25-50	0.5-0.7	0.05-0.1	Acetylene
	16/10	50-80	0.5-0.7	0.05-0.1	Acetylene
	20/10	80-120	0.5-0.7	0.05-0.1	Acetylene
	25/10	120-200	0.5-0.7	0.05-0.1	Acetylene
	30/10	200-300	0.5-0.7	0.05-0.1	Acetylene



1C001-0054 G1-P

Order No	Model Size	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Fuel Pressure (mpa)	Gas Type
1C001-0054	7/10	3-10	0.3-0.5	0.05-0.1	Propane
	10/10	10-25	0.5-0.7	0.05-0.1	Propane
	12/10	25-50	0.5-0.7	0.05-0.1	Propane
	16/10	50-80	0.5-0.7	0.05-0.1	Propane
	20/10	80-120	0.5-0.7	0.05-0.1	Propane
	25/10	120-200	0.5-0.7	0.05-0.1	Propane
	30/10	200-300	0.5-0.7	0.05-0.1	Propane



1C001-0055 G1-S

Order No	Model Size	Cutting thickness (mm)	Orifice (mm)
1C001-0055	1	50-80	2.0
	2	80-120	2.4
	3	120-200	2.8
	4	200-300	3.2



1C001-0056 81021A

Order No	Model Size	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Fuel Pressure (mpa)	Gas Type
1C001-0056	1	3-20	2	1	Acetylene
	2	20-50	2.5	1	Acetylene
	3	50-100	3	1.5	Acetylene



1C001-0057 81021P

Order No	Model Size	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Fuel Pressure (mpa)	Gas Type
1C001-0057	1	3-20	2	1	Propane
	2	20-50	2.5	1	Propane
	3	50-100	3	1.5	Propane



1C001-0058 "M"LPG

Order No	Model Size	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Fuel Pressure (mpa)	Gas Type
1C001-0058	1	1-5	2	0.03	Propane
	2	5-15	2.5	0.03	Propane
	3	15-30	3	0.03	Propane



1C001-0059 "M"AC

Order No	Model Size	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Fuel Pressure (mpa)	Gas Type
1C001-0059	1	1-5	2	0.03	Acetylene
	2	5-15	2.5	0.03	Acetylene
	3	15-30	3	0.03	Acetylene



1C001-0060 "A"AC

Order No	Model Size	Cutting Thickness (mm)	Oxygen Pressure (mpa)	Fuel Pressure (mpa)	Gas Type
1C001-0060	1	1-5	0.3-0.5	0.03	Acetylene
	2	5-50	0.35	0.03	Acetylene
	3	50-100	0.4	0.03	Acetylene



1C001-0061 "A"LPG

Order No	Model Size	Cutting Range (mm)	Oxygen Pressure (Bar)	Propane pressure (Bar)	Gas Type
1C001-0061	1	1-5	1.5	0.5	Propane
	2	5-10	1.5	0.5	Propane
	3	10-30	2	1	Propane
	4	30-50	2.5	1	Propane



1C001-0062 ST8-A

Order No	Model Size	Cutting Range (mm)	Oxygen Pressure (Bar)	Acetylene pressure (Bar)	Gas Type
1C001-0062	1	1-5	1.5	0.5	Acetylene
	2	5-10	1.5	0.5	Acetylene
	3	10-30	2	1	Acetylene
	4	30-50	2.5	1	Acetylene



1C001-0063 ST8-P

Order No	Model Size	Cutting Range (mm)	Oxygen Pressure (Bar)	Acetylene pressure (Bar)	Gas Type
1C001-0063	1	1-5	1.5	0.5	Propane
	2	5-10	1.5	0.5	Propane
	3	10-30	2	1	Propane
	4	30-50	2.5	1	Propane



1C001-0064 102HC



1C001-0065 106HC



1C001-0066 AFN

Order No	Model Size	Cutting Thickness (mm)	Oxygen Pressure (bar)	Fuel Pressure (bar)	Gas Type
1C001-0064	00	<5	1.5	0.2	Acetylene
	0	5-10	2.0	0.2	Acetylene
	1	10-15	2.5	0.2	Acetylene
	2	15-30	3.0	0.2	Acetylene
	3	30-40	3.0	0.2	Acetylene
	4	40-50	3.5	0.3	Acetylene
	5	50-100	4.0	0.3	Acetylene
	6	100-150	4.0	0.4	Acetylene
	7	150-250	4.5	0.4	Acetylene
	8	250-300	4.5	0.4	Acetylene

Order No	Model Size	Cutting Thickness (mm)	Oxygen Pressure (bar)	Fuel Pressure (bar)	Gas Type
1C001-0065	00	5	1.5	0.2	Propane
	0	5-10	2.0	0.2	Propane
	1	10-15	2.5	0.2	Propane
	2	15-30	3.0	0.25	Propane
	3	30-40	3.0	0.25	Propane
	4	40-50	3.5	0.3	Propane
	5	50-100	4.0	0.3	Propane
	6	100-150	4.0	0.4	Propane
	7	150-250	4.5	0.4	Propane
	8	250-300	4.5	0.4	Propane

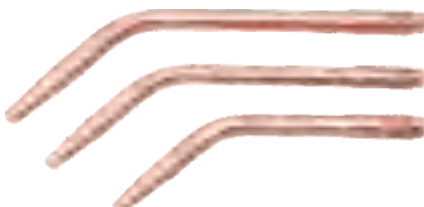
Order No	Model Size	Cutting thickness (mm)	Gas Type
1C001-0066	1/32"	3-6	Acetylene
	3/64"	6-20	Acetylene
	1/16"	20-50	Acetylene



1C003-0001 W(L/W)



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



1C003-0003 SW2/3



1C003-0004 H02-20X



1C003-0005 MFA(200V)

Order No	Model Size	Mild Steel Thickness (mm)	Oxygen Pressure (psi)	Acetylene Pressure (psi)	Connection Thread
1C003-0001	1	0.9	2	2	1/4" 26T.PI
	2	1.2	2	2	1/4" 26T.PI
	3	2.0	2	2	1/4" 26T.PI
	5	2.6	2	2	1/4" 26T.PI
	7	3.2	2	2	1/4" 26T.PI
	10	4.0	3	3	1/4" 26T.PI
	13	5.0	4	4	1/4" 26T.PI
	18	6.5	4	4	1/4" 26T.PI
	25	8.2	6	6	1/4" 26T.PI

Order No	Model Size	Orifice (mm)	Connection Thread
1C003-0002	0	0.8	M8*1
	2	1.0	M8*1
	4	1.2	M8*1

Order No	Model Size	Orifice (mm)	Connection Thread
1C003-0003	1	0.6	7/16" 27T.PI
	2	0.8	7/16" 27T.PI
	3	1.0	7/16" 27T.PI
	5	1.1	7/16" 27T.PI
	7	1.3	7/16" 27T.PI
	10	1.5	7/16" 27T.PI
	13	1.7	7/16" 27T.PI
	18	2.0	7/16" 27T.PI
	25	2.2	7/16" 27T.PI
	35	2.7	7/16" 27T.PI

Order No	Model Size	Orifice (mm)	Connection Thread
1C003-0004	0A	0.6	3/8" 26T.PI
	1A	0.8	3/8" 26T.PI
	E2A	1.0	3/8" 26T.PI
	E3A	1.2	3/8" 26T.PI
	E4A	1.5	3/8" 26T.PI
	E5A	2.0	3/8" 26T.PI
	6A	2.6	3/8" 26T.PI
	7A	3.2	3/8" 26T.PI

Order No	Model Size	Orifice (mm)	Connection Thread
1C003-0005	000	0.4	7/8"-20
	00	0.5	7/8"-20
	0	0.6	7/8"-20
	1	0.8	7/8"-20
	2	1.0	7/8"-20
	3	1.2	7/8"-20
	4	1.5	7/8"-20
	5	2.0	7/8"-20
	6	2.6	7/8"-20
	7	3.2	7/8"-20





1C003-0006 MFA(80V)

Order No	Model Size	Orifice (mm)	Connection Thread
1C003-0006	000	0.4	3/8"-24
	00	0.5	3/8"-24
	0	0.6	3/8"-24
	1	0.8	3/8"-24
	2	1.0	3/8"-24
	3	1.2	3/8"-24
	4	1.5	3/8"-24
	5	2.0	3/8"-24
	6	2.6	3/8"-24
	7	3.2	3/8"-24



1C003-0007 MFA(30V)

Order No	Model Size	Orifice (mm)	Connection Thread
1C003-0007	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 MFA

Order No	Model Size	Length (inch)	Oxygen Pressure (psi)	Acetylene pressure (psi)	Hose ID (inch)
1C003-0008	4	12"	7/12	5/10	1/4"
	6	12"	10/16	7/12	1/4"
	8	12"	19/23	9/15	5/16"
	10	12"	30/42	10/15	3/8"
	12	17.5"	48/60	10/15	3/8"
	15	17.5"	48/60	10/15	3/8"



1C003-0009 GHG01-20/100

Order No	Model Size	Orifice (mm)	Connection Thread
1C003-0009	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 201-S-100LPG

Order No	Model Size	Orifice (mm)	Connection Thread
1C003-0010	2	0.4	/
	4	0.8	/
	6	1.0	/
	9	1.2	/
	12	1.4	/



1C003-0011 201-S-100AC

Order No	Model Size	Orifice (mm)	Connection Thread
1C003-0011	2	0.4	/
	4	0.8	/
	6	1.0	/
	9	1.2	/
	12	1.4	/



1C003-0012 200LPG

Order No	Model Size	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 Size	Orifice (mm)	Connection Thread
1C003-0013	2	0.4	/
	4	0.8	/
	6	1.0	/
	9	1.2	/
	12	1.4	/



1C003-0014 AHT

Order No	Model Size	Orifice (mm)	Connection Thread
1C003-0014	25	/	1/2"-25
	50	/	1/2"-25
	100	/	1/2"-25

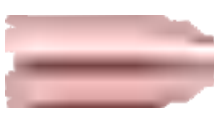


1C003-0015 2290

Order No	Model Size	Orifice (mm)	Connection Thread
1C003-0015	2	0.4	1/2"-25
	4	0.8	1/2"-25
	6	1.0	1/2"-25
	9	1.2	1/2"-25
	12	1.4	1/2"-25



5#



4#



3#



2#

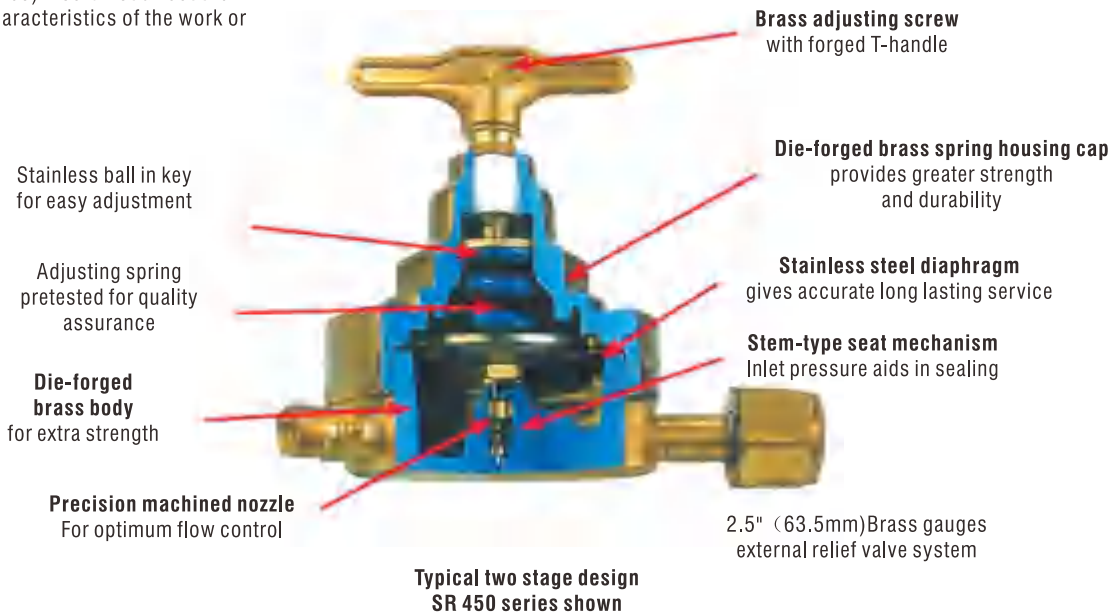


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Single stage regulator

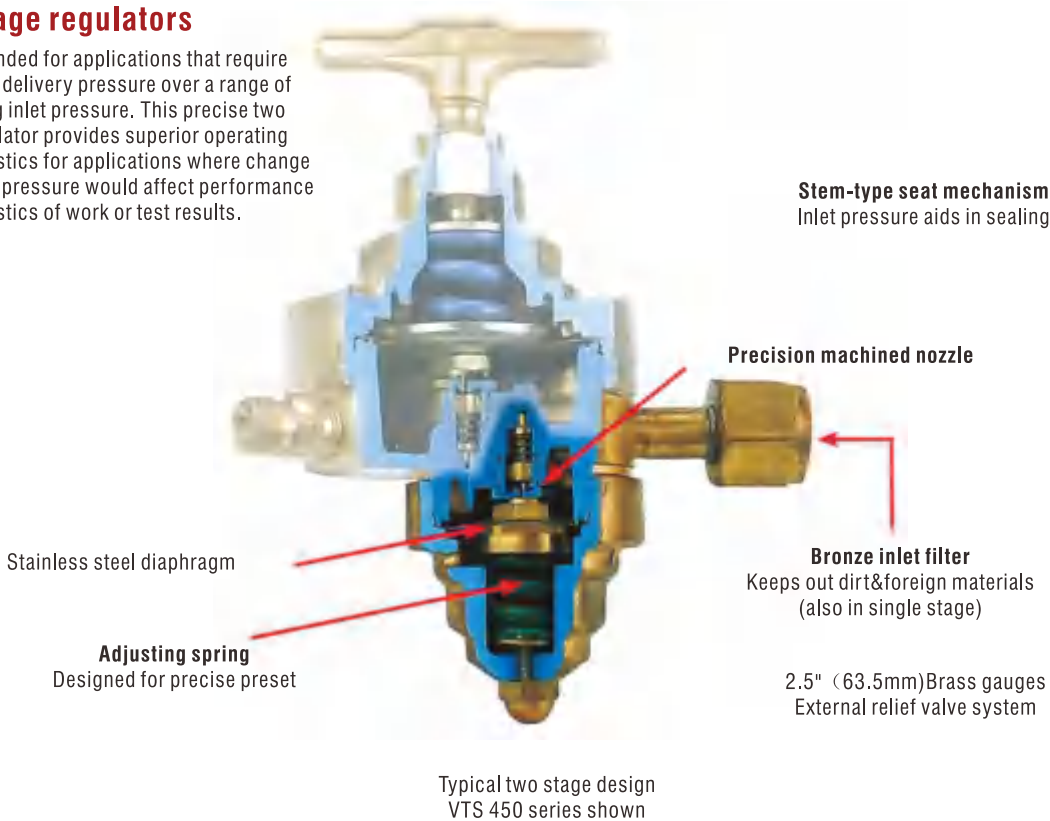
Recommended for applications where slight delivery pressure increases(due to decrease cylinder pressures) would not affect the performance characteristics of the work or test results.



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.



Heavy Duty Regulator

FEATURES

Single stage construction.
Forged brass body & bonnet for m 2.5" (63.5MM)
Stainless steel diaphragm.
Oxygen regulator with safety relief 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.



1C008-0001 UW-1401



1C008-0002 UW-1401-A
(Gauge protectors for option)

SPECIFICATIONS

Model No	Gas	Max Inlet Pressure (Psi)	Max Outlet Pressure (Psi)	Inlet Connection	Outlet Connection
1C008-0001	Oxygen	3000	250	CGA540	9/16"-18RH
	Acetylene	400	15	CGA510	9/16"-18LH
1C008-0002	Propane	400	125	CGA510	9/16"-18LH
	Argon	3000	200	CGA580	9/16"-18RH



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.



SPECIFICATIONS

Model No	Gas	Max Inlet Pressure (bar)	Max Outlet Pressure (bar)	Inlet Connection	Outlet Connection
1C008-0005	Oxygen	200	12.5	CGA540	9/16"-18RH
	Acetylene	20	1.5	CGA510	9/16"-18LH



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.

SPECIFICATIONS

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

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.



SPECIFICATIONS

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

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 stick out.



1C008-0008



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 yield strength of brass.
Easy to read high contrast gauges for clarity.
Connection of other thread sizes available.

SPECIFICATIONS

Model No	Gas	Max Inlet Pressure (Psi)	Max Outlet Pressure (Psi)	Inlet Connection	Outlet Connection
1C008-0008	Oxygen	3000	250	CGA540	9/16"-18RH
	Acetylene	400	15	CGA510	9/16"-18LH
	Propane	400	125	CGA510	9/16"-18RH
	Argon	3000	200	CGA580	9/16"-18RH

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.



1C0081-0081
Heavy Duty Regulator



1C008-0082 UW-1494
Medium Duty Regulator

SPECIFICATIONS

Model No	Gas	Max Inlet Pressure (Psi)	Max Outlet Pressure (Psi)	Inlet Connection	Outlet Connection
1C008-0081	Oxygen	3000	200	CGA540	9/16"-18RH
	Acetylene	400	15	CGA510	9/16"-18LH
1C008-0082	Propane	400	40	CGA510	9/16"-18RH



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.



SPECIFICATIONS

Model No	Gas	Max Inlet Pressure (bar)	Max Outlet Pressure (bar)	Inlet Connection	Outlet Connection
1C008-0010	Oxygen	200	16	CGA540	9/16"-18RH
	Acetylene	20	1.5	CGA510	9/16"-18LH
	Propane	20	1.5	CGA510	9/16"-18RH
	Argon	200	16	CGA580	9/16"-18RH



1C008-0011 UW-1410
Medium Duty Regulator(Zinc Alloy Cap)

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.



SPECIFICATIONS

Model No	Gas	Max Inlet Pressure (bar)	Max Outlet Pressure (bar)	Inlet Connection	Outlet Connection
1C008-0011	Oxygen	200	16	CGA540	9/16"-18RH
	Acetylene	20	1.5	CGA510	9/16"-18LH
	Propane	20	1.5	CGA510	9/16"-18RH
	Argon	200	16	CGA580	9/16"-18RH

GAS 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.



1C008-0012 UW-1411
Medium Duty Regulator(Steel Cap)

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 flowing stability.
Connection of other thread sizes available.



SPECIFICATIONS

Model No	Gas	Max Inlet Pressure (bar)	Max Outlet Pressure (bar)	Inlet Connection	Outlet Connection
1C008-0012	Oxygen	200	16	CGA540	9/16"-18RH
	Acetylene	20	1.5	CGA510	9/16"-18LH
	Propane	20	1.5	CGA510	9/16"-18RH
	Argon	200	16	CGA580	9/16"-18RH

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 relief valve that prevents tampering with the regulator which could result in a serious accident.
One-piece encapsulated seat design with an internal filter prevents contamination.



1C008-0009

SPECIFICATIONS

Gas	Maximum Inlet	Delivery Pressure Range (Psi)	Delivery Pressure Gauge (Psi)	Supply Pressure Gguge	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



LPG High Pressure Regulator

- FEATURES**
- No soldered joints
 - Safety relief valve
 - Tough perspex lens
 - Easy to read gauges colour coded gauges.
 - Single stage regulators offer precise delivery of industrial gases.
 - Quality gas regulators combine safety and rugged design.
 - 2,500 kPa inlet pressure.
 - 0-450 kPa outlet pressure.



1C008-0061

Argon/CO2 Flowmeter Regulator

- FEATURES**
- Material: Brass
 - Inlet Pressure: 2,500 kPa
 - Outlet Flow Rate: 0-25 l/min
 - Application: Cutting, Welding, Brazing, Heating



1C008-0062



1C008-0065

- 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.
 - Side entry design.
 - Connection of other thread sizes available.

SPECIFICATIONS

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



1C008-0063

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.
 - Side entry design.
 - Connection of other thread sizes available.

SPECIFICATIONS

Model No	Gas	Max Inlet Pressure (Kpa)	Max Outlet Pressure (Psi)	Inlet Connection	Outlet Connection
1C008-0063	Oxygen	30000	800	G5/8" BSP RH	G3/8" BSP RH
	Acetylene	4000	150	G5/8" BSP LH	G3/8" BSP LH



1C008-0066

Medium Duty Regulator

- 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

Gas	Inlet Gauge Range (Kpa)	Outlet Gauge Range (Kpa)	Max Outlet Pressure (Kpa)	Inlet Connection	Outlet Connection
Oxygen	30000	1600	800	G5/8"BSP RH	G3/8"BSP RH
Acetylene	4000	300	150	G5/8"BSP LH	G3/8"BSP LH

Side Entry

1C008-0083 UW-1496
Brazil Type Regulator

Descrição do Produto:
Regulador(Manometro)

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"
Manometro de Entrada 62mm 0/315 Kgf/cm²
Manometro de Saida 62mm - 0/16 Kgf/cm²
Vazão Maxima (à 10Kgf/cm²) 30m³/H
Fluido de trabalho Oxigênio
Garantia : 01 ano



SPECIFICATIONS

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"-18RH
	Acetylene	30	3	CGA510	9/16"-18LH
	CO2	300	30	CGA320	9/16"-18RH
	Propane	4000	200	CGA580	9/16"-18RH
	Argon	315	34	CGA580	9/16"-18RH



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 - Nº 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



1C008-0016 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.



Bottom Entry

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



1C008-0058 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"	G3/8" RH
	Acetylene	20	1.5	G5/8"	G3/8" LH



1C008-0059 UW-1441
Medium Duty Regulator

FEATURES

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 (bar)	Max Outlet Pressure (bar)	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

FEATURES

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 (bar)	Max Outlet Pressure (bar)	Inlet Connection	Outlet Connection
1C008-0060	Oxygen	300	10	G5/8"	G3/8" RH
	Acetylene	20	1.5	G5/8"	G3/8" LH



1C008-0067
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
1C008-0067	Oxygen	230	10	G5/8"	G3/8" RH
	Acetylene	20	1.5	G5/8"	G3/8" LH

1C008-0044 UW-1434
TA 90 Gas Regulator

FEATURES

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



SPECIFICATIONS

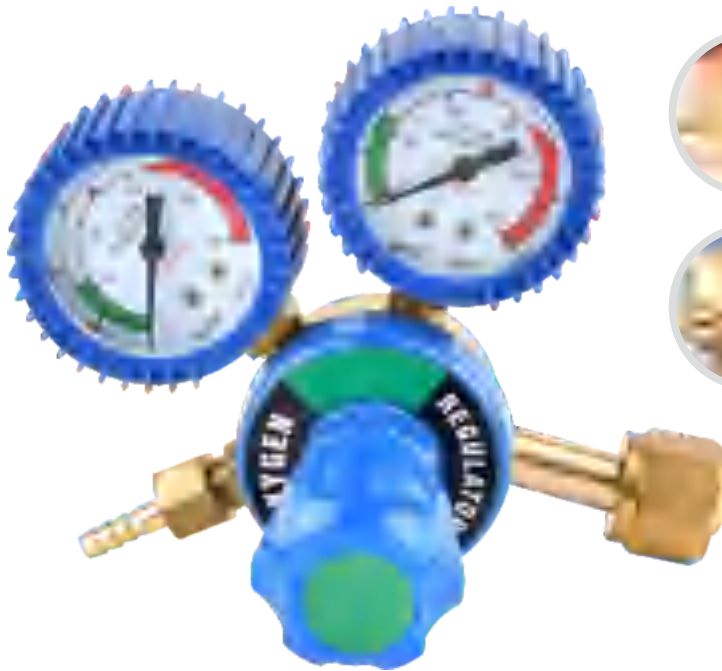
Model No	Gas	Max Inlet Pressure (bar)	Max Outlet Pressure (bar)	Inlet Connection	Outlet Connection
1C008-0044	Oxygen	250	12.5	G5/8"	G3/8" -19 RH
	Acetylene	15	1	G5/8"	G3/8" -19 LH
	Propane	15	1	G5/8"	G3/8" -19 LH



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" -19 RH
	Acetylene	16	1	G5/8"	G3/8" -19 LH
	Propane	16	1	G5/8"	G3/8" -19 LH



1C008-0045 UW-1426
Aluminum Body Regulator

FEATURES

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" -19 RH
	Acetylene	15	1	G5/8"	G3/8" -19 LH
	Propane	15	1	G5/8"	G3/8" -19 LH



1C008-0046 UW-1427
Aluminum Body Regulator

FEATURES

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
1C008-0046	Oxygen	250	25	G5/8"	G3/8" -19 RH
	Acetylene	15	1	G5/8"	G3/8" -19 LH
	Propane	15	1	G5/8"	G3/8" -19 LH

1C008-0048
Medium Duty Regulator

FEATURES

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



SPECIFICATIONS

Model No	Gas	Max Inlet Pressure (psi)	Max Outlet Pressure (psi)	Inlet Connection	Outlet Connection
1C008-0048	Oxygen	3000	200	CGA540	9/16" RH
	Acetylene	400	15	CGA510	9/16" LH
	Propane	400	40	CGA510	9/16" LH



1C008-0050
Medium Duty Regulator

FEATURES

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



SPECIFICATIONS

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



1C008-0053
South Africa 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 (kpa)	Max Outlet Pressure (kpa)	Inlet Connection	Outlet Connection
1C008-0053	Oxygen	30000	3000	G5/8" RH	G3/8" -19 RH
	Acetylene	4000	220	G5/8" LH	G3/8" -19 LH

1C008-0032 UW-1421
Russia Type Regulator(brass)



Oxygen



Propane



1C008-0030 UW-1425
Oxygen



1C008-0031 UW-1424
Oxygen



Acetylene



Argon



1C008-0037 UW-1421-A
Oxygen



Propane



1C008-0031 UW-1424
Propane

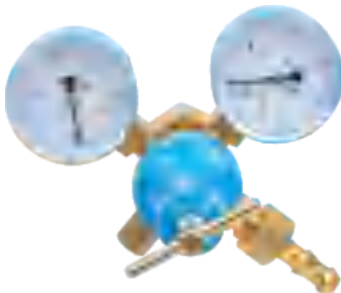


Nitrogen



Helium

1C008-0038 UW-1421-C
Back Inlet



Oxygen



CO2



Acetylene

1C008-0028 UW-1421-B
Russia Type Regulator(Aluminum Body)



Oxygen



Propane



Helium Flow



Nitrogen Flow



Acetylene



Argon Flow



1C008-0027
Gas Saving Regulator



1C008-0029



CO2



CO2 Flow

SPECIFICATIONS

Gas	Maximum Inlet Pressure (MPa)	Maximum Outlet Pressure (MPa)	Inlet Connection	Outlet Connection
Oxygen	25	2.5	G3/4	M16*1,5
Acetylene	4	0.4	Frame with Screw	M16*1,5 LH
Nitrogen	25	2.5	G3/4	M16*1,5
Argon	25	25	G3/4	M16*1,5
CO2	16	1	G3/4	M16*1,5
Helium	25	1	G3/4	M16*1,5
Propane	/	0.6	G7/8	M16*1,5 LH

1C008-0020 UW-1418
ITALY TYPE 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 (bar)	Max Outlet Pressure (bar)	Inlet Connection	Outlet Connection
1C008-0020	Oxygen	250	10	G5/8"	G1/4" -19 RH
	Acetylene	25	1.5	Frameweor	G1/4" -19 LH
	Propane	25	1.5	W21.8-14	G1/4" -19 LH
	CO2	200	1.0	W21.8-14	G1/4" -19 RH

1C008-0023 UW-1419
ITALY TYPE 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.



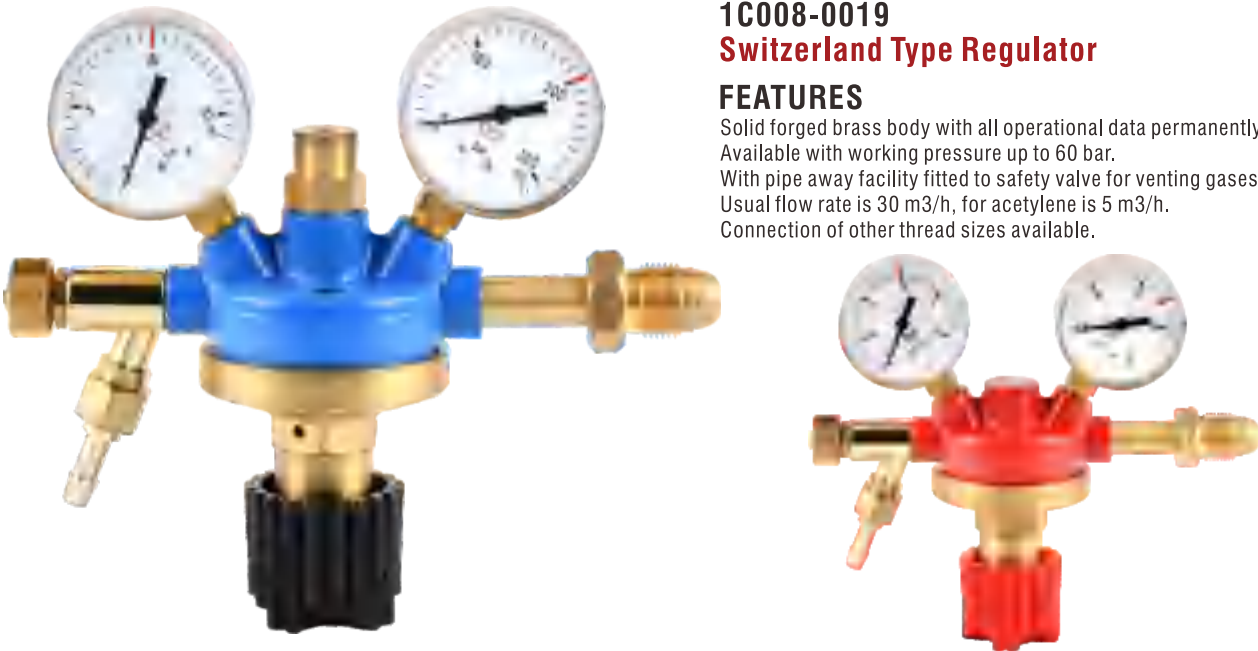
SPECIFICATIONS

Model No	Gas	Max Inlet Pressure (bar)	Max Outlet Pressure (bar)	Inlet Connection	Outlet Connection
1C008-0023	Oxygen	250	10	G5/8"	G1/4" -19 RH
	Acetylene	25	1.5	Frameweor	G1/4" -19 LH
	Propane	25	1.5	W21.8-14	G1/4" -19 LH
	CO2	200	1.0	W21.8-14	G1/4" -19 RH

1C008-0019
Switzerland Type Regulator

FEATURES

Solid forged brass body with all operational data permanently engraved.
Available with working pressure up to 60 bar.
With pipe away 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
1C008-0019	Oxygen	0-10	G5/8" RH	G3/8" -19 RH
	Acetylene	0-1.5	G5/8" LH	G3/8" -19 LH
	Propane	0-1.5	G5/8" LH	G3/8" -19 LH

1C008-0057 UW-1440
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 (bar)	Max Outlet Pressure (bar)	Inlet Connection	Outlet Connection
1C008-0057	Oxygen	230	10	W21.8-14 RH	G1/4" -19 RH
	Acetylene	20	1.5	W21.8-14 LH	G1/4" -19 LH



1C008-0077 UW-1446-B



1C008-0079 UW-1446-E

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.



1C008-0070 UW-1446-D

SPECIFICATIONS

Model No	Gas	Max Inlet Pressure (bar)	Max Outlet Pressure (bar)	Inlet Connection	Outlet Connection
1C008-0070	Oxygen	230	10	G5/8" CGA540	3/8".9/16" RH
1C008-0077	Acetylene	20	1	G5/8" CGA510	3/8".9/16" LH



1C008-0071 UW-1446



1C008-0073 UW-1446-A

FEATURES

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

SPECIFICATIONS

Model No	Gas	Max Inlet Pressure (bar)	Max Outlet Pressure (bar)	Inlet Connection	Outlet Connection
1C008-0071 1C008-0073	Oxygen	315	5.6	G5/8" CGA540	3/8", 9/16" RH
	Acetylene	28	1.4	G5/8" CGA510	3/8", 9/16" LH
	Propane	28	1.4	G5/8" CGA510	3/8", 9/16" LH



1C008-0092



1C008-0092
Nitrogen Regulator

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.

SPECIFICATIONS

Model No	Gas	Max Inlet Pressure (psi)	Max Outlet Pressure (psi)	Inlet Connection	Outlet Connection
1C008-0092	Nitrogen	4000	800	CGA580	G1/4" Flare(M)



Professional pressure reducers for operating pressures up to 100 bar.

HIGH PRESSURE AND POWERFUL DISTRIBUTION

Allows for use of compressed gases up to 300 bar and enables high differential pressure output at **20/40/60/100** bar and flow rate superior than **200 m³/h**

USE

Designed for highly professional and industrial applications and equipped with an overpressure safety device.



1C008-0018(N₂)



1C008-0018(H₂)

USED GAS:

CO₂ **OXYGEN** **NITROGEN**
ARGON **HYDROGEN** **COMPRESSED AIR**

Especially suitable for cleaning air conditioning or inflating tyres. Available with four different pressure calibrations.

The nitrogen version is equipped with a kit which has two fittings: 1/4 SAE and 5/16 SAE. OR seal lubrication inside the reducer is carried out using a lubricant (a specific grease) that is compatible with oxygen, approved by BAM. (for the oxygen version only).



1C008-0015A **Nitrogen 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
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.

This listing is for a new nitrogen regulator charging kit. Kit comes with a Nickel plated M/C regulator : (0-725 PSI delivery pressure), The regulator has a 5800 PSI Tank gauge, and 1450 PSI output gauge and they are rubber cushioned to guard against damage. This regulator also features an In-line shutoff, so you can shut-off the supply without having to close the tank! The high pressure hose is 6ft. long and is BRAIDED STAINLESS-STEEL with a smoke colored translucent protective coating.



1C008-0023 HN **Single Stage High Pressure Nitrogen Regulator** **FEATURES**

Gas Type: Nitrogen
Inlet Thread: CGA580 or W21.8x14
Nut Thread At The Outlet: G1/4" or 7/16"
Rated Inlet Pressure: 200 Bar
Outlet Pressure Range: 0-70 Bar
Hose Tip: 6-8 mm



1C008-0020 HN **Single Stage High Pressure Nitrogen Regulator** **FEATURES**

Gas Type: Nitrogen
Inlet Thread: CGA580
Nut Thread At The Outlet: G1/4" or 7/16"
Rated Inlet Pressure: 200 Bar
Outlet Pressure Range: 0-70 Bar
Hose Tip: 6-8 mm



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

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.



1C008-0013 UW-1407



1C008-0015



1C008-0096
Argon Flow Gauge Regulator

SPECIFICATIONS

Model No	Gas	Max Inlet Pressure (bar/psi)	Delivery Pressure (bar/psi)	Working Pressure
1C008-0013	Oxygen	315/4500	70/1000	1400
	Argon/Nitrogen	315/4500	70/1000	1400
1C008-0015	Helium/AIR	315/4500	100/1400	1400
	Oxygen	315/4500	100/1400	1400



1C008-0003 UW-12-1401
Big Flow Regulator



1C008-0004 UW-12-1402
Pipeline Regulator

SPECIFICATIONS

Model No	Gas	Max Inlet Pressure (bar)	Max Outlet Pressure (bar)	Inlet Connection	Outlet Connection
1C008-0003	Oxygen	230	10	CGA540	9/16"-18 RH(M)
	Argon/Nitrogen	15	1.5	CGA510/300	9/16"-18 LH(M)
1C008-0004	Helium/AIR	15	1	CGA510	9/16"-18 RH(M)
	Oxygen	230	10	CGA580	9/16"-18 RH(M)



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.

Argon Flowmeter Regulator



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



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



1C008-0104



1C008-0101



1C008-0109



1C008-0105 UW-1456



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.



1C008-0098A



1C008-0098B



1C008-0102 UW-1453



1C008-0103 UW-1454

SPECIFICATIONS

Model No	Gas	Max Inlet Pressure (bar)	Max Outlet Pressure (bar)	Inlet Connection	Outlet Connection
1C008-0102	Ar	230	3.5	G5/8"	BSP 3/8"

Flow Gauge Regulator
FEATURES

Full brass body, Single stage.
Gas Service: Argon, CO₂.
Flowmeter with easy to read tube and virtually unbreakable transparent polycarbonate outer.



1C008-0106 UW-1405



1C008-0100

SPECIFICATIONS

Model No	Gas	Flow	Inlet Connection	Outlet Connection
1C008-0106	Ar	25 LPM	CGA580	9/16"
	CO ₂	25 LPM	CGA320	9/16"

Argon Flow Meter
Max Inlet Pressure(mpa)



SPECIFICATIONS

Model No	Gas	Flow	Inlet Connection	Outlet Connection
1C008-0108	Ar	70scfh	CGA580	5/8"-18(F)



SPECIFICATIONS

Model No	Gas	Max Inlet Pressure (bar)	Inlet Connection	Outlet Connection
1C008-0110 1C008-0112 1C008-0113	CO2	3.5	BSP3/8"	BSP3/8"
	Ar	3.5	BSP3/8"	BSP3/8"



1C008-0064 UW-1443
Multi stage regulator

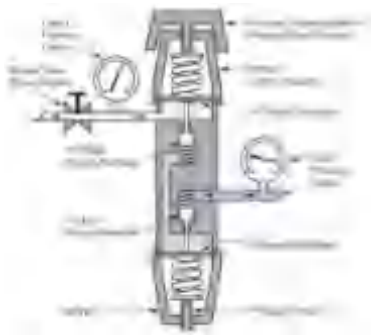
Two-stage regulators are designed to lower the high pressure in two stages. Exceptionally well suited for high pressure cylinder applications with long duration. Require less readjustment and provide a more constant delivery pressure despite changes in inlet pressure. These regulators incorporate all 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
1C008-0064	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
1C008-0068	Oxygen	230	10	G5/8" CGA540	3/8" 9/16"
	Acetylene	20	1.5	G5/8" CGA510	3/8" 9/16"

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

SPECIFICATIONS

Model No	Gas	Max Inlet Pressure (bar)	Inlet Connection	Outlet Connection
1C008-0116 1C008-0117 1C008-0118 1C008-0119	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.

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.



1C008-0120



1C008-0115



1C008-0121



1C008-0122



1C008-0125 CO2 Heater



1C008-0126



1C008-0127



1C008-0128

SPECIFICATIONS

Model No	Gas	Max Inlet Pressure (bar)	Inlet Connection	Outlet Connection
1C008-0125 1C008-0126 1C008-0127 1C008-0128	CO2	150	G5/8" G3/4" CGA320	G5/8" G3/4" CGA320

Pressure regulator ideal for disposable cylinders for 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
KNOB GAUGES 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.



1C008-0132A



1C008-0133



1C008-0132B



1C008-0129



1C008-0130 UW-1498-A



1C008-0131 UW-1499
CO₂ Regulator



1C008-0143
UW-12-1505



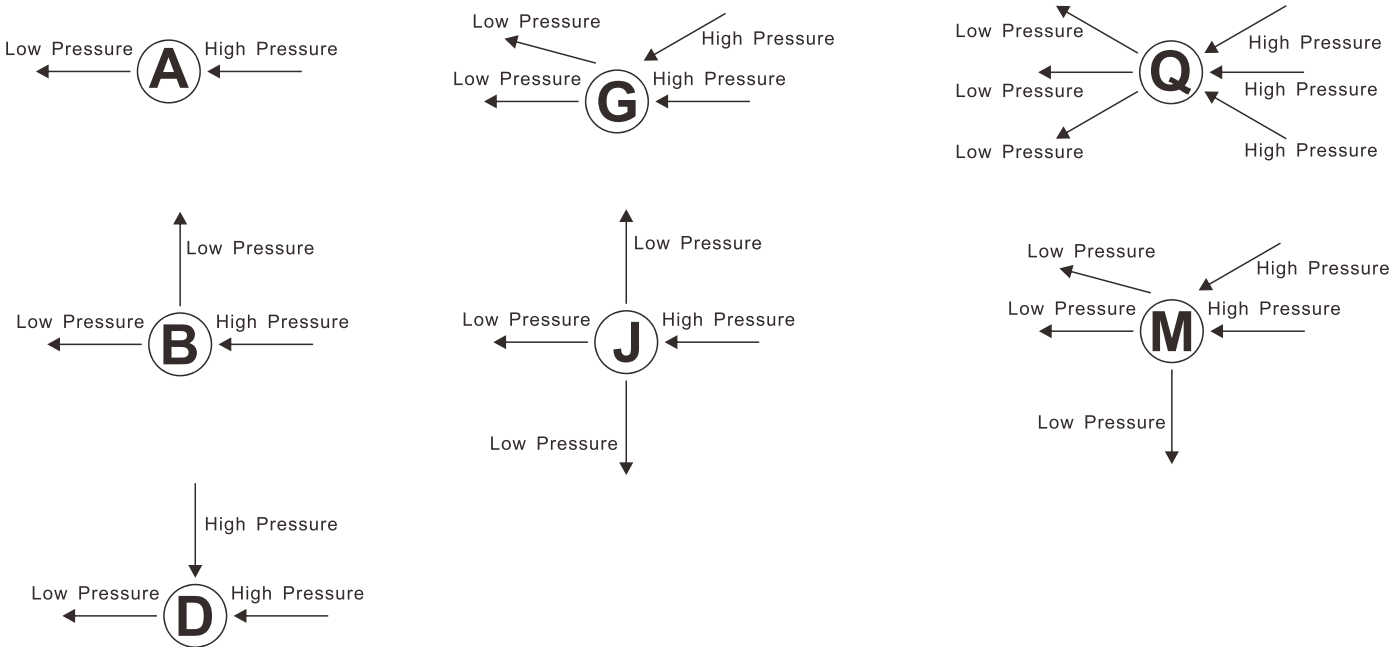
1C008-0144
UW-12-1506



1C008-0145
UW-12-1507

SPECIFICATIONS

Model No	Gas	Max Inlet Pressure (psig)	Max Outlet Pressure (psig)	Testing Pressure (psig)	Inlet Connection	Outlet Connection
1C008-0143	Special	500	25	37.5	1/4"NPT	1/4"NPT
		3000	50	75	CGA330	1/8"Frame
		4000	100	150	CGA350	1/4"Frame
1C008-0144			250	375	CGA580	3/8"Frame
1C008-0145			500	750	G5/8"	15.6 mm Frame
					W21.8	16.8 mm Frame



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 Kgf/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



- 1C008-0152 Economy style of balloon filler.
- 1C008-0155 Balloon filler features a piston design with endurable tilt valve for quick inflation of balloons,Plastic hand tight, no gauge design.
- 1C008-0156 Balloon filler features a piston design with endurable tilt valve for quick inflation of balloons,Plastic hand tight with gauge style.



1C008-0152



1C008-0155



1C008-0156



1C008-0157



1C008-0158 UW-1461



1C008-0159 UW-1462



1C008-0160 UW-1463



1C008-0161 UW-1464

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

SPECIFICATIONS

Model No	Gas	Max Inlet Pressure (psi)	Max Outlet Pressure (psi)	Inlet Connection	Outlet Connection
1C008-0158 1C008-0159 1C008-0160 1C008-0161	Oxygen	3000	15	CGA540	9/16" or Requested

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

SPECIFICATIONS

Model No	Gas	Max Inlet Pressure (psi)	Max Outlet Pressure (psi)	Inlet Connection	Outlet Connection
1C008-0163 1C008-0164 1C008-0165	Oxygen	3000	15	CGA540	9/16" or Requested



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,
		two sections of structure
	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
		Brass body Chromeplated,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
	Gauge:	1.5"
	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

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.



1C008-0228 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



1C008-0211 UW-MG004

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

FEATURES

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



1C008-0212 UW-MG005

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

FEATURES

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



1C008-0213 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)

FEATURES

The shell adopts soft and comfortable design, which makes it give comfortable handle and high shock resistance
Large screen ,multi-angle,big-fount 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 maintance
Different pressure unit(Mpa, Kpa,Bar,Psi),temperature unit (□ □ 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:1/4SAE
Applicatio: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:1/4SAE
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:1/4SAE
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

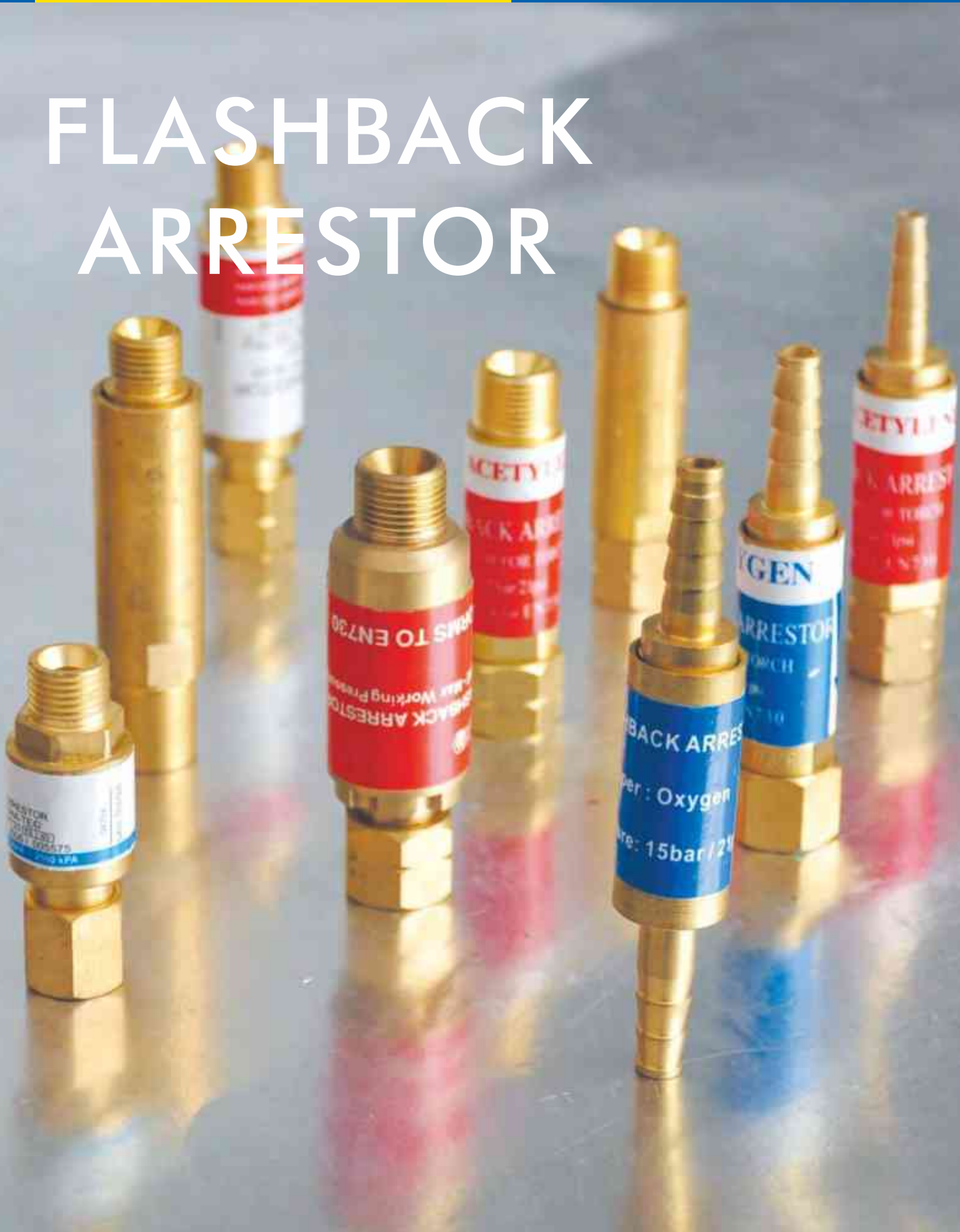


1C008-0223 UW-MG014

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

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

FLASHBACK ARRESTOR



H188 for Torch Handle

FEATURES
Filter protect the flashback arrestor from dirty particles.
Non-return vavle.
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 vavle.
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	Torch	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	Φ 8mm Hose	Φ 8mm Hose
388-L	FUEL GAS		2600	1.5	Φ 8mm Hose	Φ 8mm 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	Φ 8mm Hose	Φ 8mm Hose
588-L	FUEL GAS		2600	1.5	Φ 8mm Hose	Φ 8mm 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.	9/16"x18 R.H.
488-L	FUEL GAS		2600	1.5	9/16"x18 L.H.	9/16"x18 L.H.



1C007-0008 UW-1308
FB 11 Flashback Arrestor

SPECIFICATIONS

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



1C007-0009 UW-1309
88-3 Check Valve

SPECIFICATIONS

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

SPECIFICATIONS

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

SPECIFICATIONS

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



1C007-0017 UW-1312



1C007-0018 UW-1313



1C007-0015 UW-1317



1C007-0016 UW-1318

Torch Flashback Arrestor

- 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.

SPECIFICATIONS

Model	Gas	Max.Flow(Lt/H)	Max.Intel Pressure(bar)	For	Inlet Connection
UW-1314	Oxygen	7000	10	Torch	9/16" -18 R.H.
	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.

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.



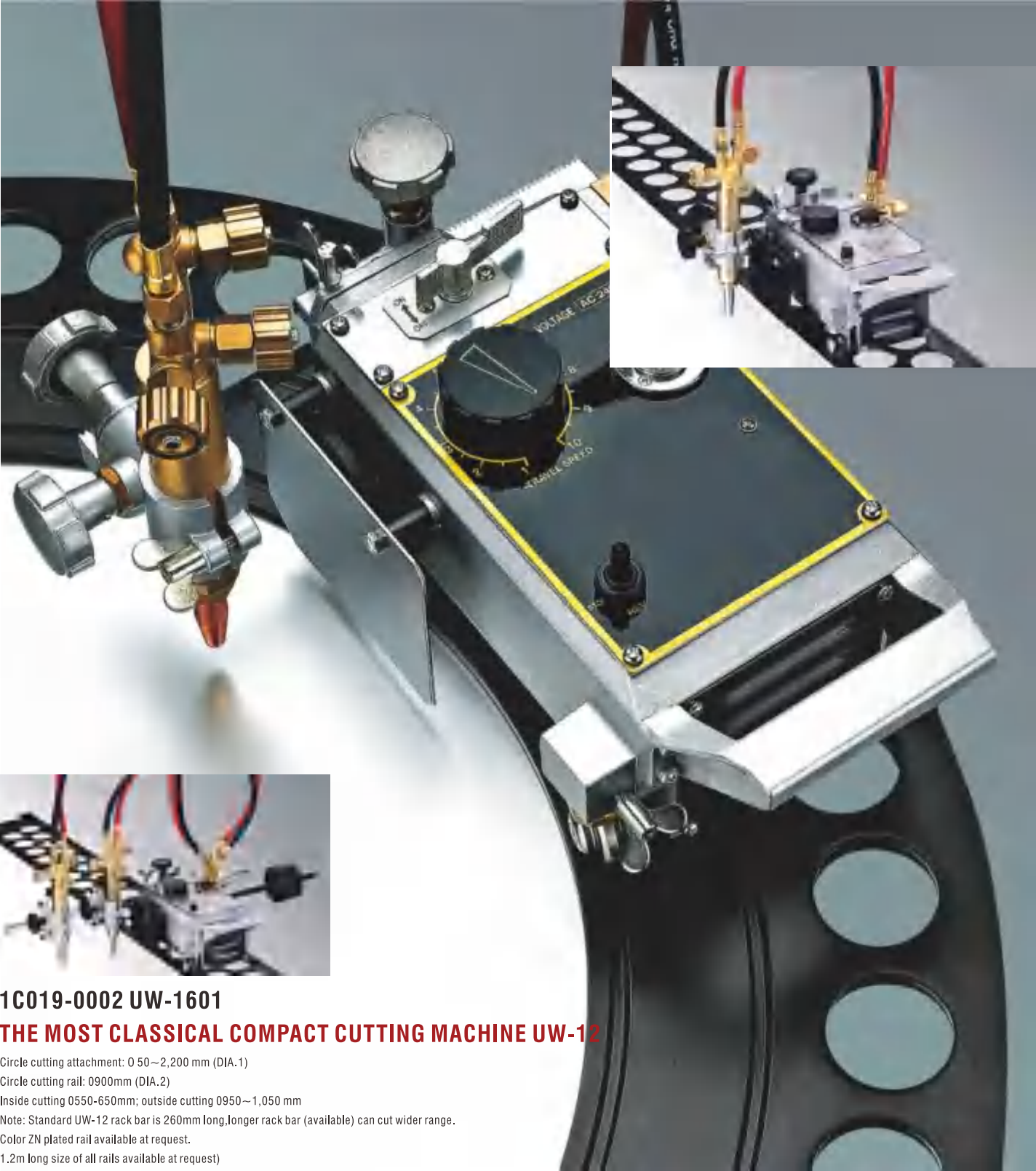
1C007-0019

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.



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.

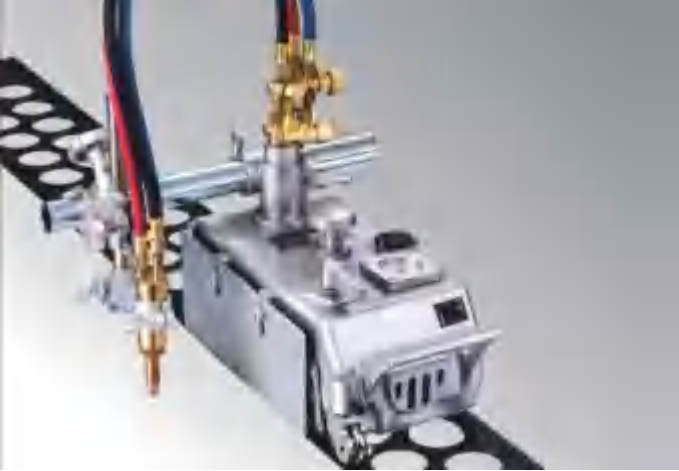


1C019-0002 UW-1601
THE MOST CLASSICAL COMPACT CUTTING MACHINE UW-12

Circle cutting attachment: Ø 50~2,200 mm (DIA.1)
Circle cutting rail: Ø900mm (DIA.2)
Inside cutting Ø550-650mm; outside cutting Ø950~1,050 mm
Note: Standard UW-12 rack bar is 260mm long. Longer rack bar (available) can cut wider range.
Color ZN plated rail available at request.
1.2m long size of all rails available at request)

SPECIFICATIONS

Model	Cutting Capacity	Bevels	Cutting Speed	Power Supply	Track
UW-12	5-60mm	0°-45°	180-800 mm/min(50Hz) 200-1000 mm/min(60Hz)	220V 50/60Hz(Standard) 110V/42V available.	1.8m(72")



1C019-0004 UW-1603

STRAIGHT CUTTING MACHINE CG-100MAX3

SPECIFICATIONS

Model	CG-100MAX3(UW-12MAX3)
Cutting Capacity	5-100mm
Beveling Angle	0°-45°
Cutting Speed	180-800 mm/min(50Hz)200-1000 mm/min(60Hz)
Power Supply	220V 50/60Hz(Standard)110V/42V available
Track	1.8m(72")

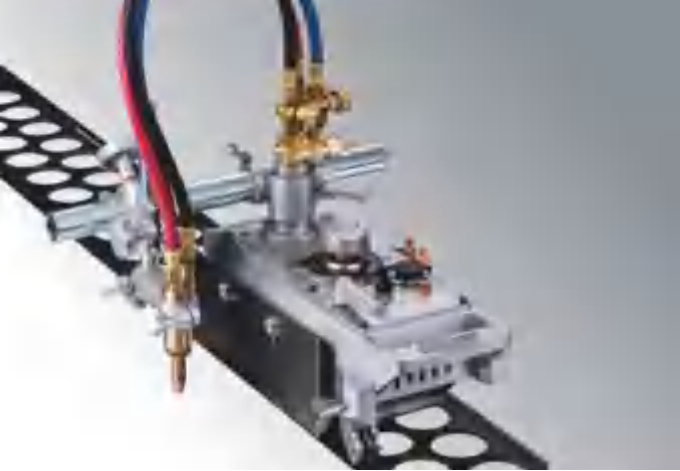


1C019-0006 UW-1605

ECONOMIC PORTABLE CUTTING MACHINE CG-30

SPECIFICATIONS

Model	CG-30
Cutting Capacity	6-100mm
Beveling Angle	0°-45°
Cutting Speed	50-750 mm/min
Cutting Circle	Ø200-2000mm
Track	1.8m(72")

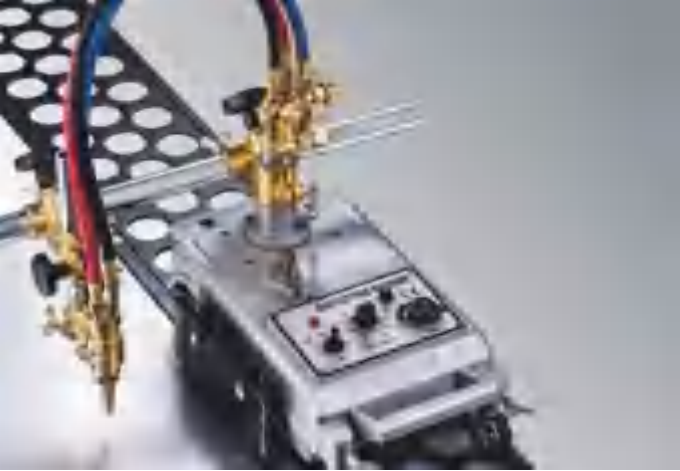


1C019-0003 UW-1602

STRAIGHT CUTTING MACHINE CG-100

SPECIFICATIONS

Model	CG-100(UW-12M)
Cutting Capacity	5-100mm
Beveling Angle	0°-45°
Cutting Speed	180-800 mm/min(50Hz)200-1000 mm/min(60Hz)
Power Supply	220V 50/60Hz(Standard)110V/42V available
Track	1.8m(72")

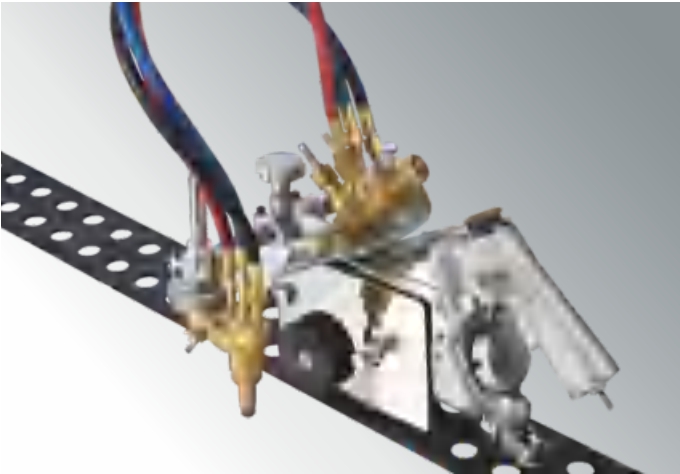


1C019-0007 UW-1606

DURABLE PORTABLE CUTTING MACHINE CG-30B

SPECIFICATIONS

Model	GC-30B
Cutting Capacity	6-100mm
Beveling Angle	0°-45°
Cutting Speed	50-750 mm/min
Cutting Circle	Ø 200-2000mm
Track	1.8m(72")



1C019-0009 UW-1608

VERSATILE, HANDY-TYPE PREMIUM CUTTING MACHINE
UW-93

SPECIFICATIONS

Model	HK-30A(UW-93)
Cutting Capacity	5-100mm
Beveling Angle	0°-45°
Cutting Speed	100-1000 mm/min
Cutting Circle	Ø50-550mm
Power Supply	220V 50/60Hz(Standard)110V/42V available
Track	1.8m(72")

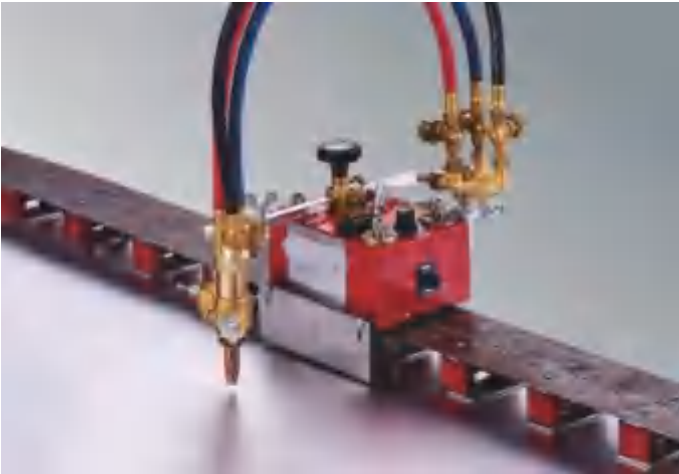


1C019-0010 UW-1609

PROFILING CUTTING MACHINE CG2-150

SPECIFICATIONS

Model	CG2-150
Rectangle cutting area	400x900mm,450x750mm
Template position	Mounted on template holder
Square cutting area	500x500mm
Circle cutting area	Ø20-600mm
Max cutting length	1200mm
Max. cutting thickness	100mm

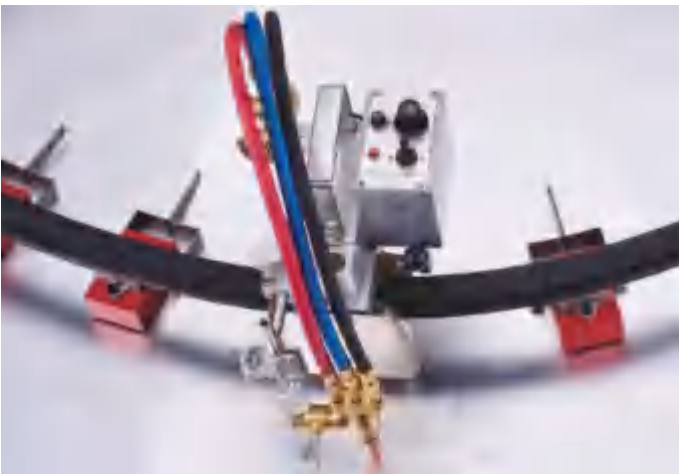


1C019-0012 UW-1611

PROFILING CUTTING MACHINE CG-13

SPECIFICATIONS

Model	CG-13
Cutting Capacity	5-30mm
Rail Curve	R≥700mm
Cutting Speed	100-750mm/min
Power Supply	220V 50/60Hz(Standard)110V/42V available
Speed Control	Silicon



1C019-0005 UW-1604

PORTABLE AUTOMATIC ALL-POSITION CUTTING
MACHINE/3D RAIL UW-72T

SPECIFICATIONS

Model	UW-72T
Cutting Capacity	5-50mm
Min.Curved Line Length	2000mm radius 3D rail
Cutting Speed	150-750 mm/min
Cutting Circle	Ø200-2000mm
Beveling Angle	0°-45°
Power Supply	220V 50/60Hz(Standard)110V/42V available

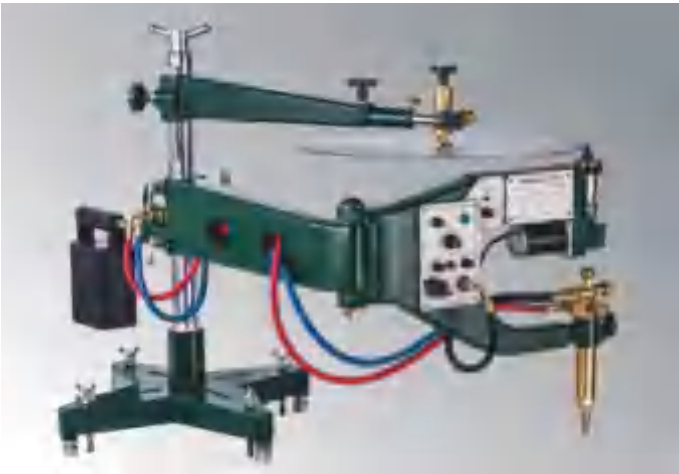


1C019-0011 UW-1610

PROFILING CUTTING MACHINE CG-150T

SPECIFICATIONS

Model	CG-150T
Rectangle cutting area	400x900mm,450x750mm
Template position	Mounted on template holder
Square cutting area	500x500mm
Circle cutting area	Ø20-600mm
Max cutting length	1200mm
Max. cutting thickness	200mm



1C019-0023

OUTSIDE PROFILING CUTTING MACHINE CG-54D

SPECIFICATIONS

Model	CG-54D
Rectangle Cutting Area	300x1300mm
Square Cutting Area	1200x1200mm
Circle Cutting Area	Ø 30-700mm
Max. cutting length	1300mm
Max. cutting thickness	3-100mm
Cutting speed	100-1000mm/min



1C019-0024

PORTABLE INSIDE PROFILING CUTTING MACHINE
UW-82L-900

SPECIFICATIONS

Model	UW-82L-900
Template Setting	200x600mm
Effective Cutting Range	900mm(Wide)
Max. Cutting Thickness	100mm
Cutting Speed	100-600mm
Magnetic Roller	Ø16mm
Rail Length	1120mm
Power Supply	110/220V,50/60Hz

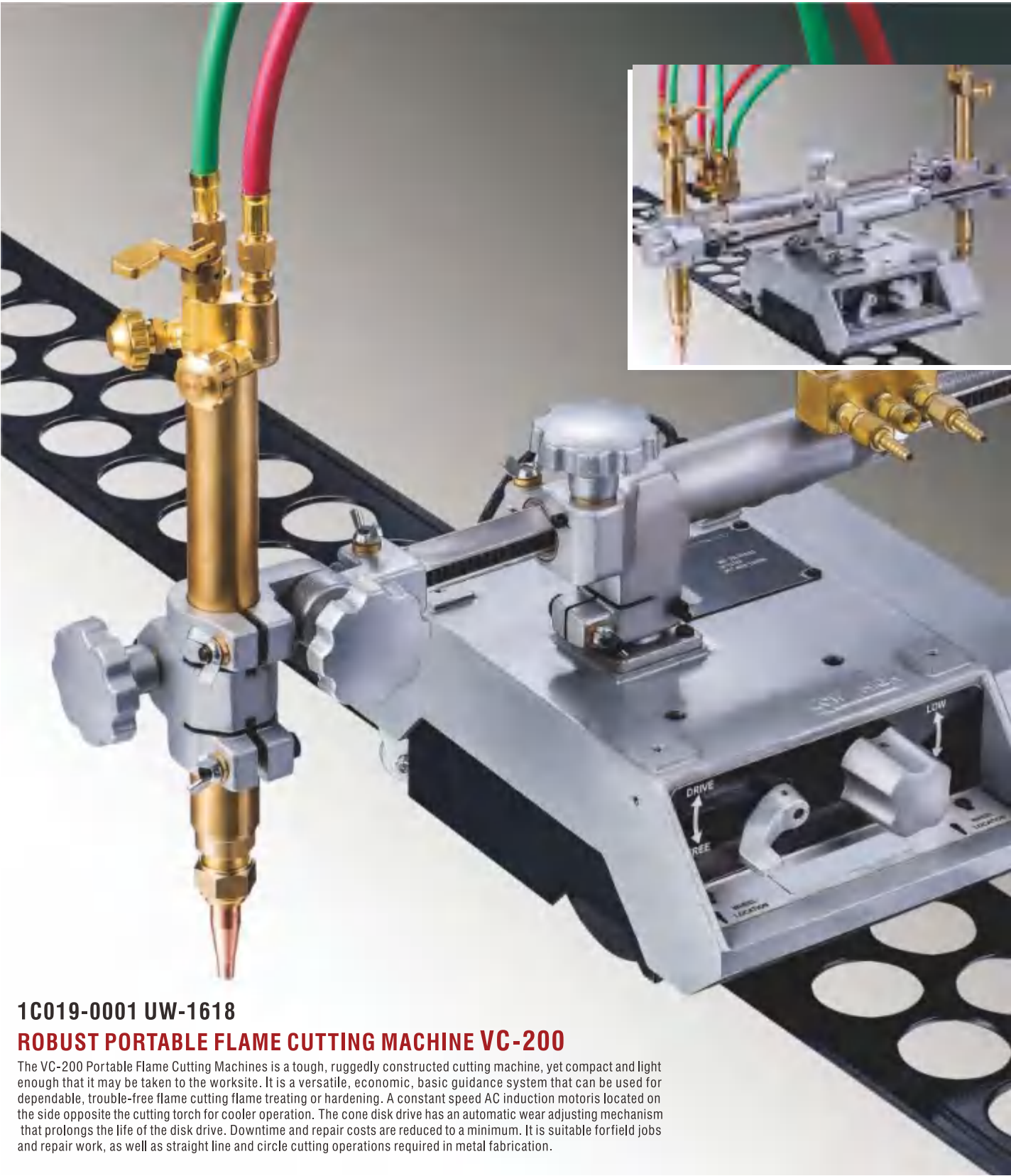


1C019-0017 UW-1616

PORTABLE CIRCLE BEVEL & CUTTING MACHINE
UW-II-200

SPECIFICATIONS

Model	UW-II-200
Cutting Thickness	6-30mm
Bevelling Angle	0-45°
Circle Diameter	40-200mm
Torch Speed	0.5-6.5rpm
Clamping System	Electromagnet



1C019-0001 UW-1618
ROBUST PORTABLE FLAME CUTTING MACHINE VC-200

The VC-200 Portable Flame Cutting Machines is a tough, ruggedly constructed cutting machine, yet compact and light enough that it may be taken to the worksite. It is a versatile, economic, basic guidance system that can be used for dependable, trouble-free flame cutting flame treating or hardening. A constant speed AC induction motor is located on the side opposite the cutting torch for cooler operation. The cone disk drive has an automatic wear adjusting mechanism that prolongs the life of the disk drive. Downtime and repair costs are reduced to a minimum. It is suitable for field jobs and repair work, as well as straight line and circle cutting operations required in metal fabrication.

SPECIFICATIONS

Model	Cutting Capacity	Cutting Speed	Cutting Circle	Track
VC-200	6-100mm	25-1524mm/min	Ø102-2438mm	1.8m(72")
VC-200 II	6-100mm	25-1524mm/min	Ø102-2438mm	1.8m(72")

Portable Automatic Hand Cutting Torch
Handy Auto Curve Series

1C019-0001 UW-1618

- 1 Cutter

2 Standard wheel assembly

3 Auxiliary wheel assembly

4 Wheel for bevel cutting assembly

5 Attachment for small circle cutting
- 6 Running guide lever

7 Cutting tip (LPG): #0, #1, #2

8 Spanner for nozzle replacement

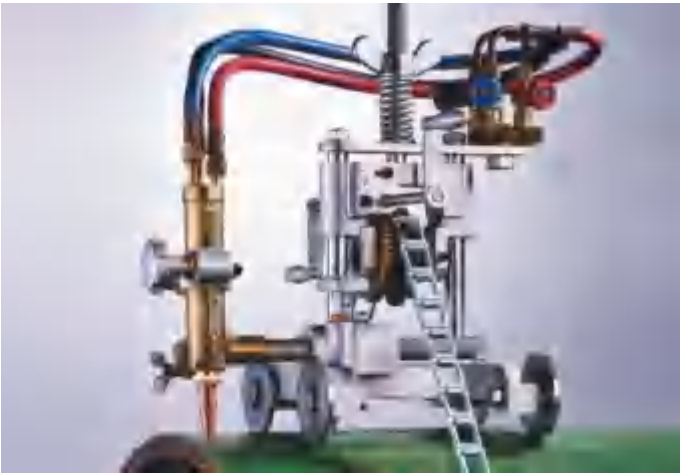
9 Fuse(1A)

10 Carrying case



SPECIFICATIONS

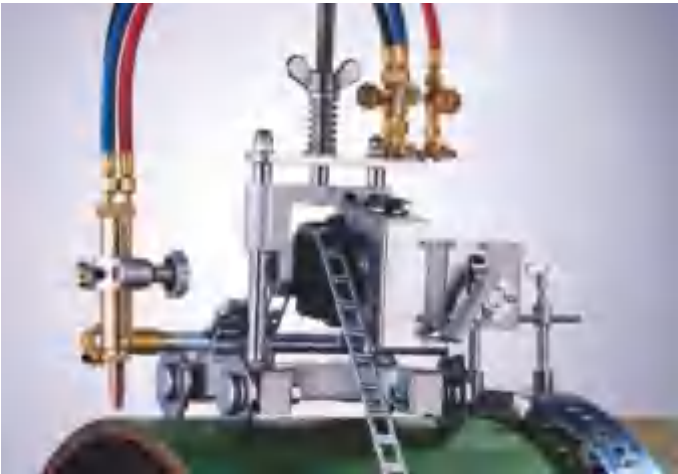
Model	Ignition type	Drive system	Speed control	Cutting thickness	Cutting speed	Length
Handy Auto	Manual	Friction drive	By transistor	5-30mm	150-530mm/min	500mm
Handy Auto Plus	Automatic	Friction drive	By transistor	5-30mm	150-530mm/min	500mm



1C019-0013 UW-1612
HAND PIPE CUTTING MACHINE SG-30

SPECIFICATIONS

Model	SG-30
Quick stop clutch	None
Effective pipe diameter	114-600mm
Cutting thickness	Up to 50mm
Cutting shape	Square and Bevel(uo to 45°)
Drive method	Manual
Chain	2.4m



1C019-0014 UW-1613
MOTORIZED CHAIN PIPE CUTTING MACHINE AUTOPIPE-S

SPECIFICATIONS

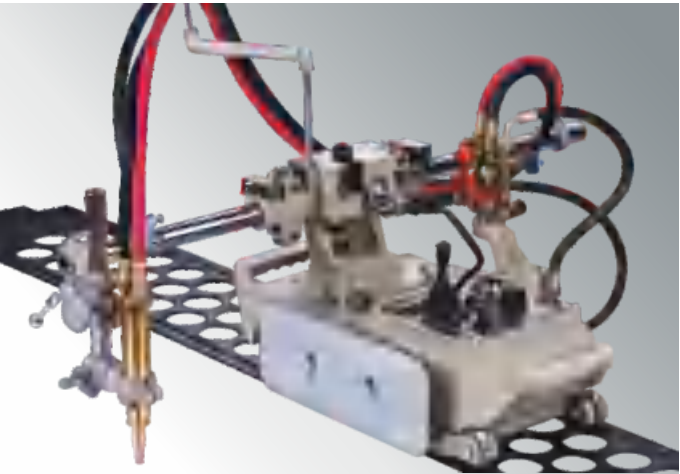
Model	Autopipe-S
Chain type	Single-link chain
Quick release clutch	With
Cutting speed	50-1150mm/min
Effective pipe diameter	150-600mm
Cutting thickness	Up to 50mm
Cutting shape	Square and Bevel(uo to 45°)
Drive method	Motorized



1C019-0028
PORTABLE SINGLE PURPOSE CIRCLE CUTTER UW600

SPECIFICATIONS

Model	UW-600
Cutting diameter	30-600mm
Cutting thickness	6-100mm
Torch rotation	0.2-0.60rpm
Power Supply	110V/220V ,50/60Hz



1C019-0020
RECTANGLE GAS CUTTING MACHINE CG-350

Equipped with double motor, Motor A for cross cutting and Motor B for lengthways cutting. The machine can cut workniece automatically into rectangular or narallelonram shano

SPECIFICATIONS

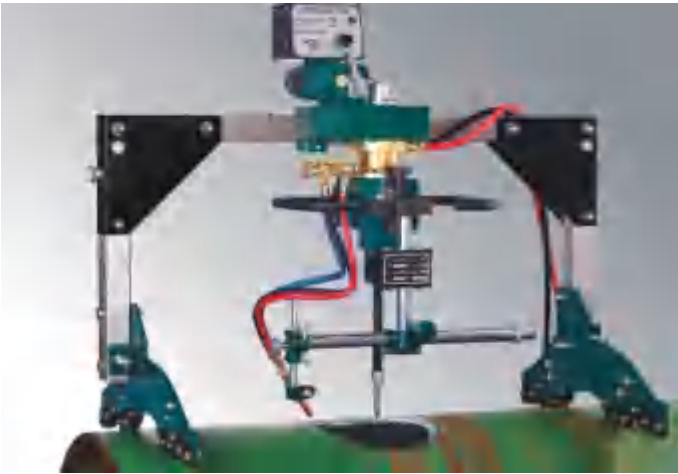
Model	CG-350
Cutting thickness	6-100mm
Cutting width	350mm
Cutting speed	50-750mm



1C019-0025
MAGNETIC PIPE CUTTING MACHINE CG2-11

SPECIFICATIONS

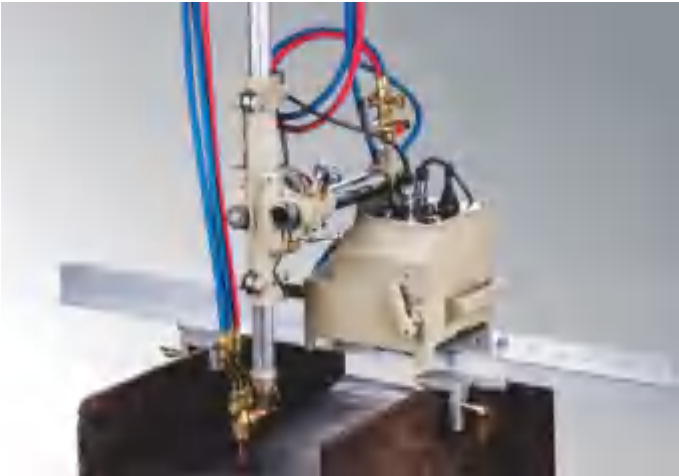
Model	CG2-11
Effective pipe diameter	>108mm
Cutting thickness	6-50mm
Cutting speed	50-750mm
Power Supply	220V 50/60Hz
Magnetic force	>50kg magnetic forces might become weaker after long use and need rechange



1C019-0005
PORTABLE 3D ALL POSITION CUTTING MACHINE UW-600D

SPECIFICATIONS

Model	UW-600D
Cutting thickness	5-50mm
Cutting speed	0.14-1.2(rpm)
Beveling angle	I,V(≤45°)
Cutting diameter	80-600mm
Cutting condition	Ration between hole ID and main Pipe ID≥1/2
Vertical torch stroke	0-96mm



1C019-0022
PORTABLE H-SHAPE BEAM CUTTING MACHINE UW-2HL

SPECIFICATIONS

Model	UW-2HL
Cutting thickness	6-60mm
Cutting speed	50-750mm/min
Cutting range	150-1600mm
Power source	110V/220V,50Hz/60Hz
Drive mode	Friction Roller
Rail length	2200mm

