

Promise to give you.....  
Professional Quality and Safest Devices.



# PROFESSIONAL INDUSTRIAL GAS WELDING & CUTTING EQUIPMENT





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## PRESSURE CONTROL REGULATORS

### REGULATOR HARRIS STYLE SINGLE STAGE

#### 201 Series Medium Duty

##### Features:

- ▶ Single stage construction
- ▶ Forged brass body for maximum strength
- ▶ Chrome bonnet
- ▶ Neoprene diaphragms
- ▶ Sintered metal inlet filter to trap impurities
- ▶ No soldered joints, for easy maintenance

##### Specifications:

MODEL NO.	GAS	MAX INLET PRESSURE	DELIVERY PRESSURE
201-7M-OX	Oxygen	0 - 315 bar	7.0 bar
201-1.4M-AC	Acetylene	0 - 28 bar	1.4 bar
201-3.5M-LP	Propane	0 - 28 bar	3.5 bar



### REGULATOR HARRIS STYLE DOUBLE STAGE

#### 96 Series Heavy Duty

##### Features:

- ▶ Double stage construction provides more constant delivery pressure
- ▶ First stage reduces cylinder pressure by approximately 90%
- ▶ Second stage accurately controls flow and delivery pressure
- ▶ Forged brass body for maximum strength
- ▶ Chrome bonnet
- ▶ Neoprene diaphragms
- ▶ External safety relief valve is set for all gases
- ▶ Sintered metal inlet filter to trap impurities
- ▶ No soldered joints, for easy maintenance

##### Specifications:

MODEL NO.	GAS	MAX INLET PRESSURE	DELIVERY PRESSURE
96-15M-N2	Nitrogen	0 - 315 bar	15 bar
96-15M-HE	Helium	0 - 315 bar	15 bar
96-10M-HY	Hydrogen	0 - 315 bar	10 bar



### REGULATOR VICTOR STYLE SINGLE STAGE

#### VH Series Heavy Duty

##### Features:

- ▶ Single stage construction
- ▶ Forged brass body & bonnet for maximum strength
- ▶ Stainless steel diaphragms
- ▶ Oxygen regulator with safety relief valve is set for safe operation
- ▶ Sintered metal inlet filter to trap impurities
- ▶ No soldered joints, for easy maintenance

##### Specifications:

MODEL NO.	GAS	MAX INLET PRESSURE	DELIVERY PRESSURE
VH-7M-OX	Oxygen	0 - 315 bar	7.0 bar
VH-1.4M.AC	Acetylene	0 - 28 bar	1.4 bar
VH-3.5M.LP	Propane	0 - 28 bar	3.5 bar





## FLOW CONTROL REGULATORS

### 100-FL Series Economy Style NEW FOR ARGON

#### Features:

- ▶ Machined brass body
- ▶ Piston design construction
- ▶ Accurate gas flow regulator
- ▶ Combination of regulator and flowmeter in one unit
- ▶ Outlet pressure at 3.5 bar (Preset)
- ▶ MIG/TIG applications for light to medium duty
- ▶ Flowmeter with easy-to-read tube and virtually unbreakable transparent polycarbonate outer cover for impact resistant and overpressure protection

#### Passed by UL

- ✓ Leakage and Pressure test
- ✓ Shutoff valve test
- ✓ Relief device test
- ✓ Aging test



#### Specifications:

MODEL NO.	GAS	FLOW (LT./MIN)	CYLINDER PRESSURE
100-25FL-AR	Argon	0 - 25	315 bar

### 101-FL Series Single Stage

#### Features:

- ▶ Forged brass body for maximum strength
- ▶ Full chromed appearance
- ▶ Neoprene diaphragms
- ▶ Sintered metal inlet filter to trap impurities
- ▶ Accurate gas flow regulator
- ▶ Safety relief valve is set for all gases
- ▶ No soldered joints, for easy maintenance



#### Specifications:

MODEL NO.	GAS	FLOW (LT./MIN)	CYLINDER PRESSURE
101-25FL-AR	Argon	0 - 25	315 bar
101-25FL-CD	CO2	0 - 25	315 bar

### REGULATOR MEDICAL JAPAN STYLE

- ▶ Maximum inlet pressure 3000psi (ANSI)/ 210bar (CE)
- ▶ Sintered filter inlet for additional safety and longer life
- ▶ Polycarbonate inner and outer tubes provide greater accuracy, durability & safety
- ▶ Outlet flow control valve 90° or 180° are available
- ▶ 2" diameter Inlet pressure gauges 0~4.000 are available
- ▶ The standard preset outlet pressure is 50psi (ANSI) or 4 bar (CE) for stabilizing and accuracy flowing



#### Specifications:

MODEL NO.	GAS	FLOW (LT./MIN)	CYLINDER PRESSURE
FR-120	Oxygen	1 - 15	315 bar

### CRF-200 Series Electrically Heated

#### Features:

- ▶ Forged brass body and chromed for maximum strength
- ▶ Automatic temperature controller
- ▶ Utilizing high pressure liquefied Carbon Dioxide Gas
- ▶ Outlet pressure at 3.5bar (Preset)

#### Specifications:

MODEL NO.	FLOW (LT./MIN)	HEATER POWER	CYLINDER PRESSURE
CRF-200-220	0 - 25	220VAC / 210W	315 bar







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## CUTTING TORCHES

### 42-8 Series Light Duty

#### Features:

- ▶ Cuts up to 80mm steel
- ▶ Triangular stainless steel gas tubes for maximum strength
- ▶ Two stainless steel needle valves for precise flame adjustment and better durability  
Tough extruded brass torch handle for long life
- ▶ Tip mixing for maximum operator safety
- ▶ Stable flame preheating during cutting

#### Specifications:

MODEL NO.	HEAD	LENGTH	INLET THREAD	TIP SERIES
42-8	90°	420mm	9/16 x 18 UNF	ST8-A & ST8-P



### 42-9 Series Light Duty

**NEW**

#### Features:

- ▶ Cuts up to 80mm steel
- ▶ Fully nickel-plated
- ▶ Zinc coated handle
- ▶ Top stainless steel level w/ hold down button
- ▶ Two stainless steel needle valves for precise flame adjustment and better durability  
Tip mixing for maximum operator safety

#### Specifications:

MODEL NO.	HEAD	LENGTH	INLET THREAD	TIP SERIES
42-9	90°	420mm	M16 x 1.5	ST8-A & ST8-P



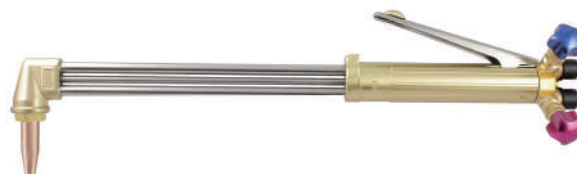
### 1601 Series Heavy Duty

#### Features:

- ▶ Cuts up to 300 mm steel
- ▶ Stainless steel tube provides greater heat
- ▶ Top stainless steel lever w/ hold down button
- ▶ Two stainless steel needle valves for precise flame adjustment and better durability  
Forged brass head for added strength and durability
- ▶ Brass or Aluminum handle
- ▶ Tip mixing for maximum operator safety

#### Specifications:

MODEL NO.	HEAD	LENGTH	INLET THREAD	TIP SERIES
1601A	90°	500mm	G3/8 x 19	ANME & PNME



### VH-211 Series Model Victor

Torch Handle | Heavy Duty

#### Features:

- ▶ Cuts up to 200 mm, Welds up to 12.7 mm
- ▶ 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
- ▶ Fit cutting attachment model #VH-212 or VH-2460
- ▶ Hose connection thread: 9/16"-18N

#### Specifications:

MODEL NO.	RECOMMENDED CUTTING ATTACHMENT	HOSE CONNECTION THREAD	DUTY
VH-211	VH-212	9/16" - 18N	HEAVY





## CUTTING TORCHES

### VH-212 Series Cutting Attachment

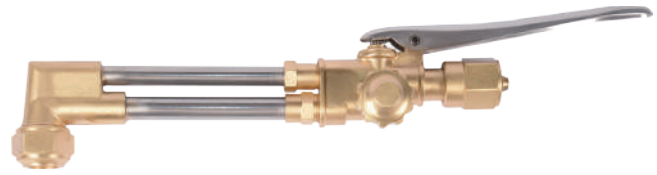
Oxy-Acetylene, Propane

#### Features:

- ▶ Heavy Duty cutting up to 8" (200mm)
- ▶ Forged brass head and body
- ▶ Stainless steel needle valves for precise flame adjustment and better durability
- ▶ Stainless steel tube construction for maximum strength
- ▶ Double O-ring seal for quick hand tight connection and leak free
- ▶ Stainless steel high pressure lever

#### Specifications:

MODEL NO.	RECOMMENDED CUTTING ATTACHMENT	CUTTING RANGE	TIP SERIES	DUTY
VH-212	VH-211	8"/200 mm	1-GPN / 1-101	HEAVY



### CMS-7505 Series

"M" Type

#### Features:

- ▶ Cuts up to 1mm ~ 30 mm (1/32" ~ 1-1/4")
- ▶ Three stainless steel needle valves for precise flame adjustment and better durability
- ▶ Forged brass head and body
- ▶ Adjust high pressure oxygen by needle valve

#### Specifications:

MODEL NO.	GAS	INLET THREAD	TIP SERIES
CMS-7505-A	Oxy-Acetylene	M16 x 1.5	7505-A
CMS-7505-P	Oxy-Propane	M16 x 1.5	7505-P



### DMS-7507 Series

Welding and Cutting Kit

#### Features:

- ▶ Cuts up to 1mm ~ 30 mm (1/32" ~ 1-1/4")
- ▶ Welds up to 0.5mm ~ 8mm (1/64" ~ 5/16")
- ▶ Torch connection thread sizes: M16x1.5
- ▶ Forged brass head and body
- ▶ Adjust high pressure oxygen by needle valve

#### Specifications:

MODEL NO.	GAS	WELDING CONNECTION PIPE NO.	WELDING TIP SERIES	CUTTING TIP SERIES
DMS-7507-A	Oxy-Acetylene	750700	7503-A	7505-A
DMS-7507-P	Oxy-Propane	750700	7503-P	7505-P



### CAS-7506 Series

"A" Type

#### Features:

- ▶ Cuts up to 1mm ~ 100 mm (1/32" ~ 4")
- ▶ Three stainless steel needle valves for precise flame adjustment and better durability
- ▶ Forged brass head and body
- ▶ Adjust high pressure oxygen by needle valve

#### Specifications:

MODEL NO.	GAS	INLET THREAD	TIP SERIES
CAS-7506-A	Oxy-Acetylene	M16 x 1.5	7506-A
CAS-7506-P	Oxy-Propane	M16 x 1.5	7506-P





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## WELDING TORCHES

### WSS-194 Series

#### Features:

- ▶ Welding capacity: 0.5mm~3mm (1/64"~1/8")
- ▶ Torch connection thread sizes: 9/16"×18N



#### Specifications:

MODEL NO.	GAS	TIP SIZE	WELDING RANGE (MM)	OXY. PRESSURE (KG/CM <sup>2</sup> )	GAS PRESSURE (KG/CM <sup>2</sup> )
WSS-194	Oxy-Acetylene	20	0.5 ~ 1.0	1.5	0.2 ~ 0.5
		50	1.0 ~ 1.5	1.5	0.2 ~ 0.5
		75	1.5 ~ 2.0	2.0	0.2 ~ 0.5
		100	2.0 ~ 2.5	2.5	0.2 ~ 0.5
		150	2.5 ~ 3.0	2.5	0.2 ~ 0.5
WSS-195	Oxy-Propane	LPW-1	0.5 ~ 1.0	1.5	0.3
		LPW-2	1.0 ~ 1.5	1.5	0.3
		LPW-3	1.5 ~ 2.0	2.0	0.3
		LPW-4	2.0 ~ 2.5	2.5	0.3
		LPW-5	2.5 ~ 3.0	2.5	0.4

### WSS-7501 Series

"S" Type

#### Features:

- ▶ Welding capacity: 0.5mm~3mm (1/64"~1/8")
- ▶ Torch connection thread sizes: G 1/4-R.H., G 3/8-L.H.
- ▶ Include 75010 series welding tips (4PCS)



### WMS-7503 Series

"M" Type

#### Features:

- ▶ Welding capacity: 0.5mm~8mm (1/64"~5/16")
- ▶ Torch connection thread sizes: M16×1.5
- ▶ Include 75030 series welding tips (7PCS)



### WGS-8102 Series

"G" Type

#### Features:

- ▶ Welding capacity: 0.5mm~6mm (1/64"~1/4")
- ▶ Torch connection thread sizes: G 1/4-R.H., G 3/8-L.H.
- ▶ Include 81020 series welding tips (4PCS)

TORCH HANDLE	810201
WRENCH	810215





## HEATING TORCHES

### HE-505 Series

Oxy-Propane



#### Specifications:

MODEL NO.	TYPE	TIPS NO.	ORIFICE	LENGTH
HE-505-1	W / 1 TIP	2290-2H	1.1 x 25	650mm
HE-505-2	W / 1 TIP	2290-3H	1.3 x 25	750mm
HE-505-3	W / 1 TIP	2290-4H	1.1 x 33	1,050mm
HE-505-4	W / 1 TIP	2290-5H	1.1 x 33	1,250mm
HE-505	W / 3 TIPS	2290-2,3,4,5H		1,050mm

### HE-506 Series



#### Application:

Soldering, brazing, annealing, straightening and bending plates, pipes and bars, preheating in welding jobs, drying molds, thawing jobs, asphalt work, etc.

#### Specifications:

MODEL NO.	TYPE	HEAD SIZE	LPG PRESSURE (KG/CM2)	LENGTH
HE-506-1	W / 1TIP	25.4 mm	0.3	500mm
HE-506-2	W / 1 TIP	38.1 mm	0.4	500mm
HE-506-3	W / 1 TIP	50.8 mm	0.5	500mm
HE-506	W / 3 TIPS			500mm

### HT-507 Series



#### Features:

Brass tube with stainless heating tips

Suitable for applications that require large volume of heat.

With the pressure lever, operator can go from pilot flame to full-brush flame immediately.

Length: 560mm

Head size: 60mm

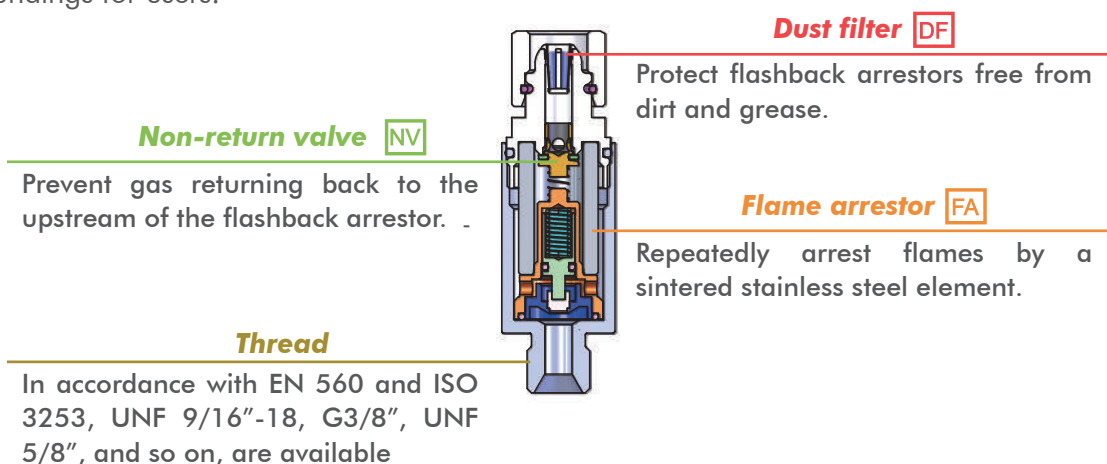


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## FLASHBACK ARRESTORS

With the following functions, flashback arrestors can stop backfire and prevent accidents. Using **MORRIS** flashback arrestors could effectively enhance workplace safety and provide much more secure surroundings for users.



### Specifications:



SERIES	HA188	HA288	H188	H288
OXYGEN	HA188-RGB	HA288-RGB	H188-RGB	H288-RGB
FUEL GAS	HA188-LGB	HA288-LGB	H188-LGB	H288-LGB
FOR	Torch	Regulator	Torch	Regulator
INLET THREAD	G 3/8"	G 3/8"	G 3/8"	G 3/8"
OUTLET THREAD	G 3/8"	G 3/8"	G 3/8"	G 3/8"



## ACCESSORIES

### GS-150 Series

Gas-saver

NEW

#### Features:

- ▶ Simple structure, big energy, small cost
- ▶ Easy handling with electricity
- ▶ Fixed seat for easy installation
- ▶ The pilot flame hole is only 0.1mm to save more considerable amount of gases
- ▶ Free from repeated procedures of igniting, flame adjusting and extinguishing work



### Specifications:

MODEL NO.	GAS	PRESSURE (BAR)	STANDARD CONNECTION
GS-150-A	Oxygen	1.0 - 7.0	M16 x 1.5
	Acetylene	0.2 - 1.0	M16 x 1.5
GS-150-P	Oxygen	1.0 - 7.0	M16 x 1.5
	Propane	0.2 - 2.0	M16 x 1.5






## 7505-A Series Cutting Tip

### Specifications:

For CMS-7505-A cutting torch and DMS-7507-A kit




	PART NO.	TIP SIZE	CUTTING RANGE (MM)	OXY. PRESSURE (BAR)	ACE. PRESSURE (BAR)
	7505-1A	M1	1 - 5	2.5	0.3
	7505-2A	M2	5 - 15	3.0	0.3
	7505-3A	M3	15 - 30	3.5	0.3

## 7505-P Series Cutting Tip

### Specifications:

For CMS-7505-P cutting torch and DMS-7507-P kit




	PART NO.	TIP SIZE	CUTTING RANGE (MM)	OXY. PRESSURE (BAR)	PRO. PRESSURE (BAR)
	7505-1P	M1	1 - 5	2.5	0.3
	7505-2P	M2	5 - 15	3.0	0.3
	7505-3P	M3	15 - 30	3.5	0.3

## 7506-A Series Cutting Tip

### Specifications:

For CAS-7506-A cutting torch




	PART NO.	TIP SIZE	CUTTING RANGE (MM)	OXY. PRESSURE (BAR)	ACE. PRESSURE (BAR)
	7506-1A	A1	1 - 15	3.0	0.3
	7506-2A	A2	15 - 50	3.5	0.5
	7506-3A	A3	50 - 100	4.0	0.8

## 7506-P Series Cutting Tip

### Specifications:

For CAS-7506-P cutting torch




	PART NO.	TIP SIZE	CUTTING RANGE (MM)	OXY. PRESSURE (BAR)	PRO. PRESSURE (BAR)
	7506-1P	A1	1 - 15	3.0	0.3
	7506-2P	A2	15 - 50	3.5	0.5
	7506-3P	A3	50 - 100	4.0	0.8

## ST8-A Series Cutting Tip

### Specifications:

For 42-8 and 42-9 cutting torch



	PART NO.	CUTTING THICKNESS	OXY. PRESSURE (BAR)	ACE. PRESSURE (BAR)	LENGTH (MM)
	ST8-1A	1 - 5	1.5	0.5	75
	ST8-2A	5 - 10	1.5	0.5	75
	ST8-3A	10 - 30	2.0	1.0	75
	ST8-4A	30 - 50	2.5	1.0	75



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## ST8-P Series Cutting Tip

### Specifications:

For 42-8 and 42-9 cutting torch



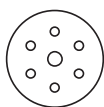
	PART NO.	CUTTING THICKNESS	OXY. PRESSURE (BAR)	PRO. PRESSURE (BAR)	LENGTH (MM)
	ST8-1P	1 - 5	1.5	0.5	75
	ST8-2P	5 - 10	1.5	0.5	75
	ST8-3P	10 - 30	2.0	1.0	75
	ST8-4P	30 - 50	2.5	1.0	75

## ANME Series Cutting Tip

### Specifications:

For 1601 cutting torch




	PART NO.	CUTTING THICKNESS	OXY. PRESSURE (BAR)	ACE. PRESSURE (BAR)	LENGTH (MM)
	ANME-1 (1/32")	1 - 5	1.5	0.5	88
	ANME-2 (3/64")	5 - 10	2.0	0.5	88
	ANME-3 (1/16")	10 - 30	2.5	1.0	88
	ANME-4 (5/64")	30 - 60	3.0	1.0	88
	ANME-5 (3/32")	60 - 100	3.5	1.5	88
	ANME-6 (1/8")	100 - 200	4.0	1.5	88

## PNME Series Cutting Tip

### Specifications:

For 1601 cutting torch



	PART NO.	CUTTING THICKNESS	OXY. PRESSURE (BAR)	ACE. PRESSURE (BAR)	LENGTH (MM)
	PNME-1 (1/32")	1 - 5	1.5	0.5	92
	PNME-2 (3/64")	5 - 10	2.0	0.5	92
	PNME-3 (1/16")	10 - 30	2.5	1.0	92
	PNME-4 (5/64")	30 - 60	3.0	1.0	92
	PNME-5 (3/32")	60 - 100	3.5	1.5	92
	PNME-6 (1/8")	100 - 200	4.0	1.5	92

## 75010 Series Welding Tip

### Specifications:

For WSS-7501 welding torch



PART NO.	TIP SIZE	ORIFICE $\psi$ (MM)	WELDING RANGE (MM)	OXY. PRESSURE (BAR)	ACE. PRESSURE (BAR)
750101	10	0.4	0.1 ~ 0.2	1.0	0.2 ~ 0.5
750102	16	0.5	0.2 ~ 0.5	1.5	0.2 ~ 0.5
750103	25	0.6	0.5 ~ 1.0	1.5	0.2 ~ 0.5
750104	40	0.7	1.0 ~ 1.5	1.5	0.2 ~ 0.5

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## 75030 Series Welding Tip

### Specifications:

For WMS-7503 welding torch



PART NO.	TIP SIZE	ORIFICE ψ (MM)	WELDING RANGE (MM)	OXY. PRESSURE (BAR)	ACE. PRESSURE (BAR)
750301	50	1.0	0.5 ~ 1.0	1.5	0.2 ~ 0.5
750302	75	1.1	1.0 ~ 1.5	1.5	0.2 ~ 0.5
750303	100	1.2	1.5 ~ 2.0	2.0	0.2 ~ 0.5
750304	150	1.4	2.0 ~ 2.5	2.5	0.2 ~ 0.5
750305	225	1.6	2.5 ~ 3.0	2.5	0.2 ~ 0.5
750306	350	1.8	3.0 ~ 5.0	3.0	0.2 ~ 0.5
750307	500	2.1	5.0 ~ 8.0	3.0	0.2 ~ 0.5

## 81020 Series Welding Tip

### Specifications:

For WGS-8102 welding torch



PART NO.	TIP SIZE	ORIFICE ψ (MM)	WELDING RANGE (MM)	OXY. PRESSURE (BAR)	ACE. PRESSURE (BAR)
810203-1	A1	0.7	0.5 ~ 1.0	1.5	0.2 ~ 0.5
810204-2	A2	1.0	1.0 ~ 2.0	2.5	0.2 ~ 0.5
810205-3	A3	1.3	2.0 ~ 4.0	3.0	0.2 ~ 0.5
810206-4	A4	1.5	4.0 ~ 6.0	3.0	0.2 ~ 0.5



### WELDING, CUTTING & HEATING COMPLETE OUTFIT HUNTER OUTFIT MEDIUM DUTY (Hunter Style)

MODEL	TORCH HANDLE	CUTTING ATTACHMENT	WELDING TIPS SIZE	CUTTING TIPS SIZE
HUCW-80	810101	810111	810103-1 810107-5 810104-2 810108-6 810105-3 810109-7 810106-4 810110-8	810112-H 810113-S1 810114-S2 810115-S3

#### ACCESSORIES

Wrench, Tip Cleaners, Welding Connection nut, Guiding Carriage & Circle Guide.



### GAS CUTTING, WELDING & HEATING TOOLBOX OUTFITS HEAVY DUTY (Victor Style-Heavy Duty)

MODEL	TORCH HANDLE	CUTTING ATTACHMENT	CHECK VALVE	OXYGEN REGULATOR	ACETYLENE REGULATOR	TIPS (SIZE)		
						WELDING	HEATING	CUTTING
VHCW-32TB	VH-211	VH-212	88-3FGR 88-3FGL	450-7M	450-1.4M	VH-W (2)	OPTIONAL	1-101 (1)

#### ACCESSORIES

TWIN HOSE: 15FTS 1/4" w/FITTINGS, SPARKLIGHTER, GOGGLES AND TIP CLEANERS.



### GAS CUTTING, WELDING & HEATING TOOLBOX OUTFITS HEAVY DUTY (Victor Style-Medium Duty)

MODEL	TORCH HANDLE	CUTTING ATTACHMENT	CHECK VALVE	OXYGEN REGULATOR	ACETYLENE REGULATOR	TIPS (SIZE)	
						WELDING	CUTTING
VMCW-20TB	VM-221	VM-222	88-3FGR 88-3FGL	VM-7M	VM-1.4M	VM-W (0)	3-101 (0)

#### ACCESSORIES

TWIN HOSE: 12.5FTS 1/4" w/FITTINGS, SPARKLIGHTER, GOGGLES AND TIP CLEANERS.



### GAS CUTTING, WELDING & HEATING TOOLBOX OUTFITS HEAVY DUTY (Harris Style-Medium Duty)

MODEL	TORCH HANDLE	CUTTING ATTACHMENT	CHECK VALVE	MTXER	OXYGEN REGULATOR	ACETYLENE REGULATOR	TIPS (SIZE)		
							WELDING	HEATING	CUTTING
HCW-23TB	HC63-2	HC73-2	88-3FGR 88-3FGL	E2-43	25-7M	25-1.4M	HCW-W (3, 5, 7)	OPTIONAL	6290 (1)

#### ACCESSORIES

TWIN HOSE: 15FTS 1/4" w/FITTINGS, SPARKLIGHTER, GOGGLES AND TIP CLEANERS.



# CUTTING TORCH



# CUTTING TIPS



Authorised Distributor:



FOR CUTTING



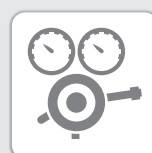
FOR WELDING



FOR HEATING



KITS



REGULATOR



FLASHBACK  
ARRESTOR