



IOXYGEN[®]
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MORRIS was founded in 1977 with headquarter in Taiwan. It has enjoyed a great reputation by providing full range of superior quality products of gas welding and cutting equipment to its worldwide customers.

All the design and manufacture of Morris' products strictly conform to ISO and international standard. Its quality management system and procedure of the production are also complying with ISO 9001 & ISO13485. Besides, Morris also has obtained the certificates of UL, CE and GMP for its industrial and medical products.

Morris is not only your best partner but also makes your life safer and easier.

Enjoy it on the professional gas welding & cutting equipment and medical apparatus.

PROFESSIONAL INDUSTRIAL GAS WELDING & CUTTING EQUIPMENT



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

MADE IN TAIWAN

MORRIS PRECISION TECHNOLOGY CO., LTD.

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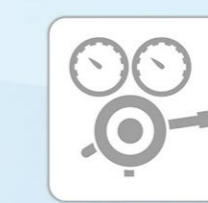
FOR CUTTING



FOR WELDING



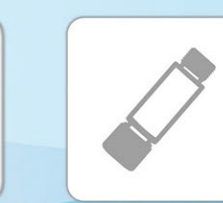
FOR HEATING



REGULATOR



FLOWMETER



FLASHBACK ARRESTOR

REGULATORS / 溶断用压力調整器

76 Series Economy Style

Net Weight: 1.04 kg / 1.2 kg

- ▶ Relief device for oxygen.
- ▶ Yoke inlet connection for acetylene.
- ▶ Using forged brass body with bright colors.
- ▶ Green for oxygen and orange for acetylene.
- ▶ **Ergonomic knob for easy switching; sintered metal inlet filter for trapping impurities.**

Specification :

Model No.	76-10M-OX	76-1.4M-AC
Gas	OXYGEN	ACETYLENE
Max Inlet Pressure	0-25 MPa	0-2.5 MPa
Delivery Pressure	1 MPa	0.14 MPa
Working Pressure	2.5 MPa	0.3 MPa

100-FL Series

Flowmeter Regulator / 調整器



Passed by UL

- ▶ **leakage and pressure test**
- ▶ **shutoff valve test**
- ▶ **relief device test**
- ▶ **aging test.**



Net Weight: 0.8 kg

▶ Piston Design

Side-entry machined brass body; mounted sintered metal inlet filter for trapping impurities. Presetting outlet pressure at 0.35 MPa for light and medium duty, along with durable, stable and absolute safety device for accurate gas flow. The 10 feet (3m) hose in clamshell packaging is available for option.

Specification :

Model No.	Gas	Flow (Lt./min)	Cylinder Pressure (MPa)	10 Feet Hose
100-25FL-AR	Argon	0-25	0-31.5	W/O
100-25FL-CD	Co2			
100A-25FL-AR	Argon	0-25	0-31.5	Include
100A-25FL-CD	Co2			

CRF-200-110 Electrically Heated CO2 Flowmeter Regulator / 炭酸ガス用ヒーター付き調整器

Net Weight: 2.10 kg

- ▶ The automatic temperature controller will stop heating at 60°C.
- ▶ Preset outlet pressure at 0.35 MPa.

Specification :

Gas	Flow (Lt./min)	Heater Power	Cylinder Pressure (MPa)	Preset Outlet Pressure (MPa)
CO ₂	0-25	110VAC 210W	0-31.5	0.35



FLOWMETERS / 流量計

800 Series Flowmeter

▶ Accurate flow.

- ▶ Easy switching needle valve.
- ▶ Stable and durable outer tube.

Specification :

Model No.	Gas	Max. Calibrated Flow (Lt./min)	Threads	
			Inlet	Outlet
800-AR25	ARGON	0-25	Male 1/4" NPT	Male M16x1.5 / Male M12x1.0
800-CD25	CO ₂			
800-AR15	ARGON	0-15		
800-CD15	CO ₂			



FLASHBACK ARRESTORS / 乾式逆火防止器

H188 Series Nickel plated surface

Net Weight: 0.14kg

- ▶ H188 **for Torch**
- ▶ Max. pressure: Oxy 1 MPa / 1.5 MPa
Ace 0.15 MPa
- ▶ Function: Non-return valve
Dust filter
Flame arrestor



H288 Series Non-plated surface

Net Weight: 0.16kg

- ▶ H288 **for Regulator**
- ▶ Max. pressure: Oxy 1 MPa / 1.5 MPa
Ace 0.15 MPa
- ▶ Function: Non-return valve
Dust filter
Flame arrestor



CUTTING TORCHES / 切断器

CMS-7505 M Type

Net Weight: 0.8 kg (395mm)

- ▶ Cuts up to 1mm~30mm (1/32" -1-1/4")
- ▶ Hose Connection thread sizes: M16x1.5



Precise stainless steel needle valve

CAS-7506 A Type

Net Weight: 1.34 kg (515mm)

- ▶ Cuts up to 1mm~100mm (1/32"-4")
- ▶ Hose Connection thread sizes: M16x1.5



Precise stainless steel needle valve

WELDING TORCHES / 溶接器

WMS-7503 M Type

Net Weight: 0.62 kg (420mm)

- ▶ Welding Capacity: 0.5mm-8mm (1/64"-5/16")
- ▶ Torch connection thread sizes: M16x1.5



Precise stainless steel needle valve

WSS-7502 S Type

Net Weight: 0.56 kg (350mm)

- ▶ Welding Capacity : 0.5mm-3mm (1/64"-1/8")
- ▶ Torch connection thread sizes : M16x1.5



Precise stainless steel needle valve

SM-502 Little Torch / マイクロトーチ

An ideal tool created for jewelry, hobby, crafts metal sculpture, glass blowing, electronic repair, manufacture and much more. **This excellently balanced torch with a rugged aluminum alloy body weighs only 0.16kg**, including 5 welding tips made of copper and swaged to min. diameter 0.2mm by swaging machine. It is used with two-color 200 CM hose and 9/16"x18N inlet connection.

Specification :

Part No.	Tips Size	Orifice (mm)	Welding Range (mm)	OXY. Pressure (MPa)	Ace. Pressure (MPa)
SM-W2	2	0.2	0.2-0.5	0.1	0.02-0.05
SM-W3	3	0.3	0.5-0.8	0.1	
SM-W4	4	0.5	0.8-1.0	0.15	
SM-W5	5	0.7	1.0-1.5	0.2	
SM-W6	6	0.9	1.5-2.0	0.2	

