



YAMATO SANGYO CO., LTD.

Osaka, JAPAN



YAMATO equipment has 40-years record of reliability and superior performance. **YAMATO** has always been after superior products and easier handling in developing its gas welding and cutting equipment. The **YAMATO** line is most complete, which enable you to select welding cutting equipment best suited to your needs. Save cost, time and trouble with **YAMATO** !!

WELDING & CUTTING EQUIPMENT

WELDING TORCH

For every welding. Light in weight yet strong. Oxygen-Acetylene model only.

GUN WELDING TORCH (104)



Weight : 480 gr
Length : 270 mm

Tip Size	Plate Thickness (mm)
50	0.5 - 0.7
70	0.7 - 1.0
100	1.0 - 1.4
140	1.4 - 2.0
200	2.0 - 2.5

SMALL-TYPE WELDING TORCH (105)



Weight : 490 gr
Length : 370 mm

Tip Size	Plate Thickness (mm)
50	0.5 - 0.7
70	0.7 - 1.0
100	1.0 - 1.4
140	1.4 - 2.0
200	2.0 - 2.5

MEDIUM-TYPE WELDING TORCH (106)



Weight : 520 gr
Length : 450 mm

Tip Size	Plate Thickness (mm)
200	2.0 - 2.3
225	2.3 - 2.5
250	2.5 - 3.2
315	3.2 - 4.0
400	4.0 - 4.5
450	4.5 - 5.0
500	5.0 - 6.0

CUTTING TORCH

Most-widely used cutting torch for general purpose work. Oxygen-Acetylene & Propane model available.

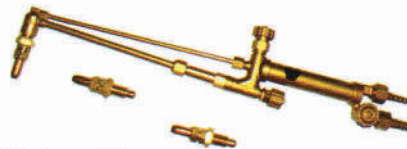
MEDIUM-TYPE CUTTING TORCH (201)



Weight : 730 gr
Length : 460 mm

Tip Size	Plate Thickness (mm)
1	1 - 5
2	5 - 15
3	15 - 30

LARGE-TYPE CUTTING TORCH (202)

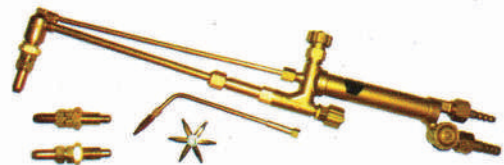


Weight : 1020 gr
Length : 540 mm

Tip Size	Plate Thickness (mm)
1	1 - 10
2	10 - 50
3	50 - 100

WELDING & CUTTING TORCH

MEDIUM & LARGE-TYPE WELDING & CUTTING TORCH (205)



Type	Cutting Tips	Welding Tips	Capacity
Medium Type	3 pcs	7 pcs	Same as with Medium-Type Cutting Torch and Welding Torch 106
Large Type	3 pcs	7 pcs	Same as with Large-Type Cutting Torch and Welding Torch 106

UTAMAKAN KESELAMATAN KERJA PAKAILAH YANG ASLI !



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STANDARD REGULATOR

SINGLE-STAGE REDUCTION REGULATOR (Oxygen & Nitrogen)

YR-70 (Nitrogen)



YR-70 Jr. (Oxygen)



		For Oxygen
High-Pressure Gauge	(kg/cm ²)	250
Low-Pressure Gauge	(kg/cm ²)	30
Standard Pressure Regulator	(kg/cm ²)	9
Working Pressure Range	(kg/cm ²)	2 - 15
Standard Flow Rate	(L/H)	10.000
Weight (gr)	YR-70	1.175
	YR-70 Jr. (OXY)	1.100

SINGLE-STAGE REDUCTION REGULATOR (Acetylene)

YR-71 (Acetylene)



YR-71 Jr. (Acetylene)



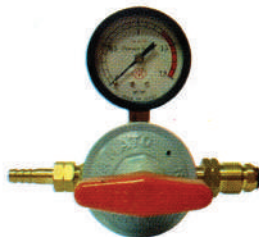
		For Acetylene
High-Pressure Gauge	(kg/cm ²)	30
Low-Pressure Gauge	(kg/cm ²)	1.8
Standard Pressure Regulator	(kg/cm ²)	0.7
Working Pressure Range	(kg/cm ²)	0.1 - 0.3
Standard Flow Rate	(L/H)	1.200
Weight (gr)	YR-71	1.175
	YR-71 Jr. (ACY)	1.100

INDUSTRIAL LP GAS REGULATOR (YR-508)

This is used for general heating, welding and cutting jobs for commercial portable ranges and burners. It permits the flow of a large quantity of LP gas at a constant pressure.

Weight	(gr)	1.400
Low-Pressure Gauge	(kg/cm ²)	2
Working Pressure Range	(kg/cm ²)	0.1 - 1.3
Flow Rate	(m ³ /h)	15

YR-508 (LPG)



SINGLE-STAGE REDUCTION ARGON REGULATOR (YR-85)

Thanks to the high-precision two-stage reduction system, setting of a flow rate is very easy. This regulator is not affected by changes in input pressure, this permitting very accurate work.

Weight	(gr)	1.800
High-Pressure Gauge	(kg/cm ²)	250
Set Pressure	(kg/cm ²)	1.4
Range of Flow Meter Graduation	(L/M)	1 - 25

YR-85 (Argon)



SINGLE-STAGE MEDICAL OXYGEN REGULATOR (YR-88)

This flowmeter regulator assures perfect control design combines simplicity with ruggedness and accuracy for dependable performance.

Primary Pressure	(kg/cm ²)	10 - 150
Secondary Pressure	(kg/cm ²)	4
Max. Flow Meter Indication	(NL/H)	10

YR-88 (Medical)



REGULATOR FOR CARBON-DIOXIDE (YR-507) With Heater

This is a high-efficiency regulator which incorporates an automatic temperature control mechanism. Voltage : 220 V

Weight	(gr)	3.820
Low-Pressure Gauge	(kg/cm ²)	3
Working Pressure Range	(kg/cm ²)	0.5 - 2.0
Flow Continuous	(L/H)	1.500

YR-507 (CO₂)



Regulators with a flow meter. (graduation of 1 - 25 ltrs/min) are also available.

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