

Panasonic
ideas for life

Bangkok **Welding**
(Thailand)

www.bangkokwelding.com

info@bangkokwelding.com

Thyristor Controlled CO₂/MAG/GMAW Welding System

Pana AUTO **KR Series**

Semi-Automatic Welding System
with Cableless Remote Controller



Active System equipped with full mobility



ISO9001
CERTIFICATE
CNAB008-Q
No.00805Q10515R2M



ISO14001
CERTIFICATE
CNAB008-Q
No.02105E10123R2M

Arc sensitivity is selectable by changing the tap of a reactor

Three kinds of applicable wire diameters are available

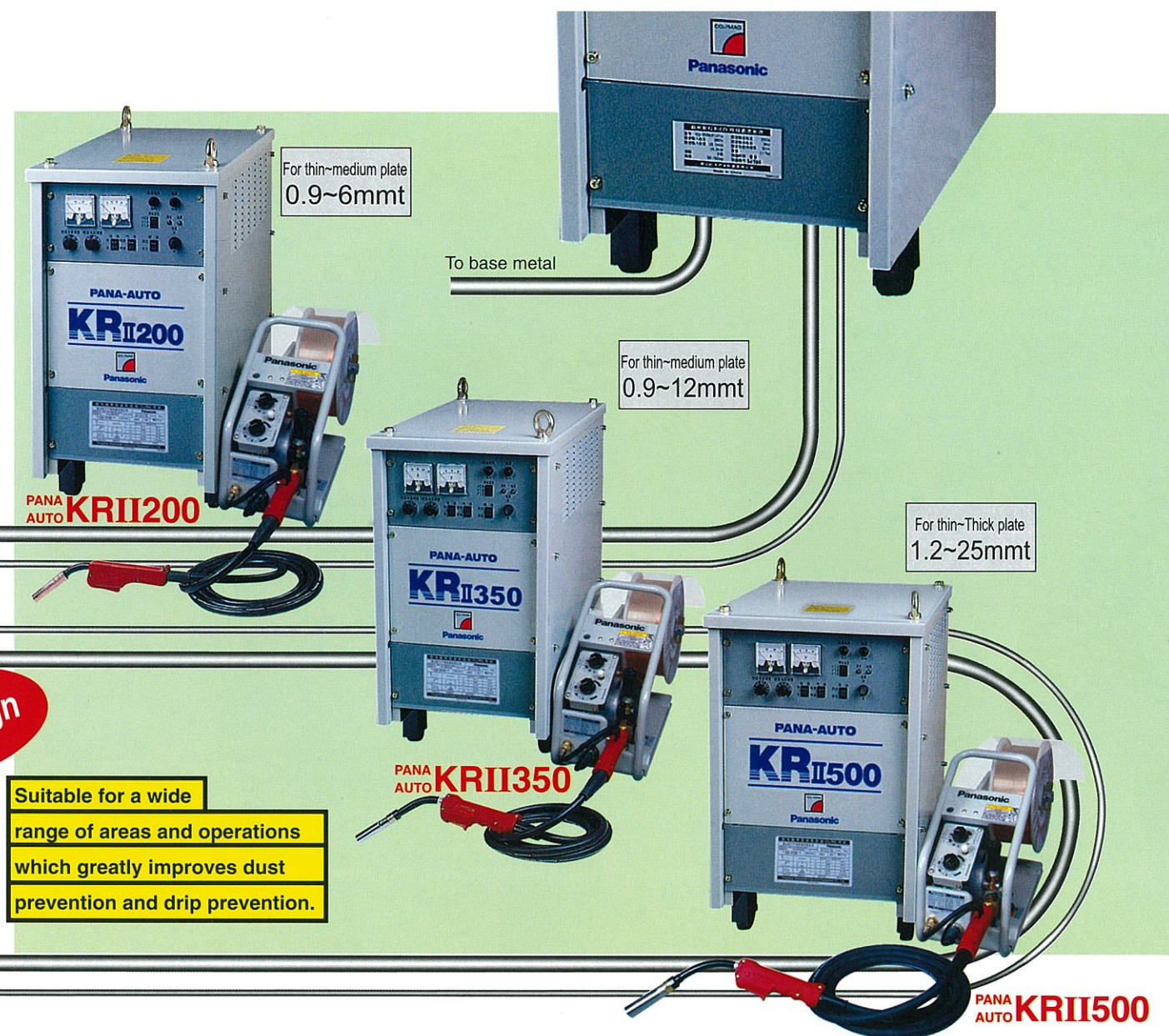
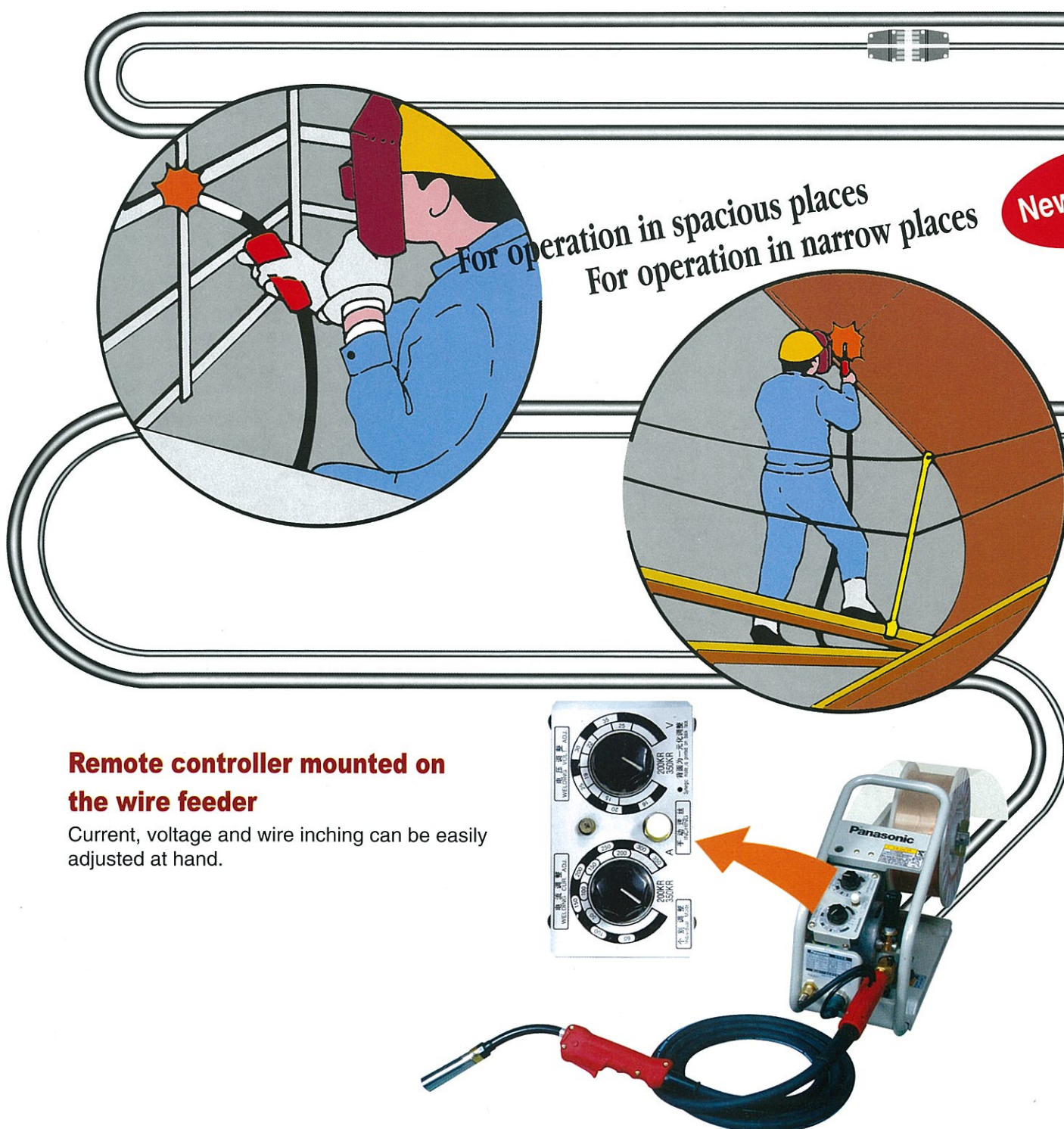
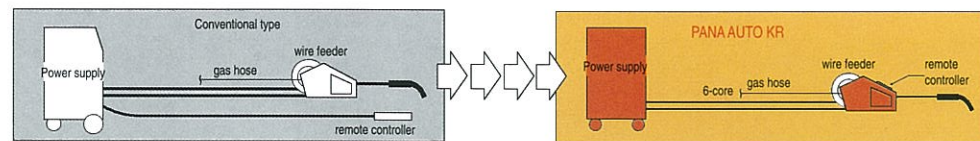
Secondary short circuit protection is the standard function

Crater voltage and crater current control are possible

Fresh Tip Treatment and Burn back time control are realized

Light Footwork thanks to cableless remote control

Cableless remote controller increases mobility and reduces disconnection trouble.

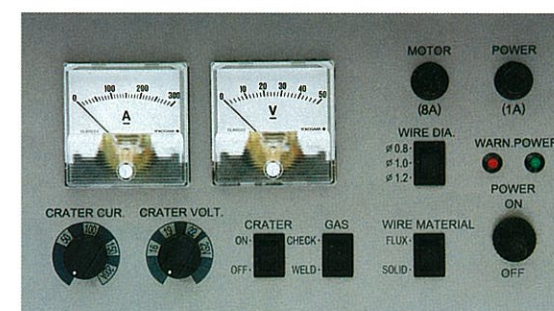


New design

Suitable for a wide range of areas and operations which greatly improves dust prevention and drip prevention.

Features

Operation panel for integrated control which is easy to see and manipulate.



Thanks to Panasonic's original technology, low-spatter and arc stability have been realized. Condition setting is easy even for an unexperienced operator. (Operation is possible with simple integration.)

User Friendly Design

- All Models equipped with crater control circuit (Initial condition is possible.)
- Ammeter/Voltmeter equipped.
- Secondary short current restrictor equipped.
- FCW/solid wire selector equipped.
- Current detector equipped.
- F.T.T. control equipped. (for cleaning the wire end.)

- 4.5m torch Mountable on specialized feeder
- 350A...YT-35CSM3
- 500A...YT-50CSM3
- 6m torch Mountable on specialized feeder
- 350A...YT-35CSL3
- 500A...YT-50CSL3

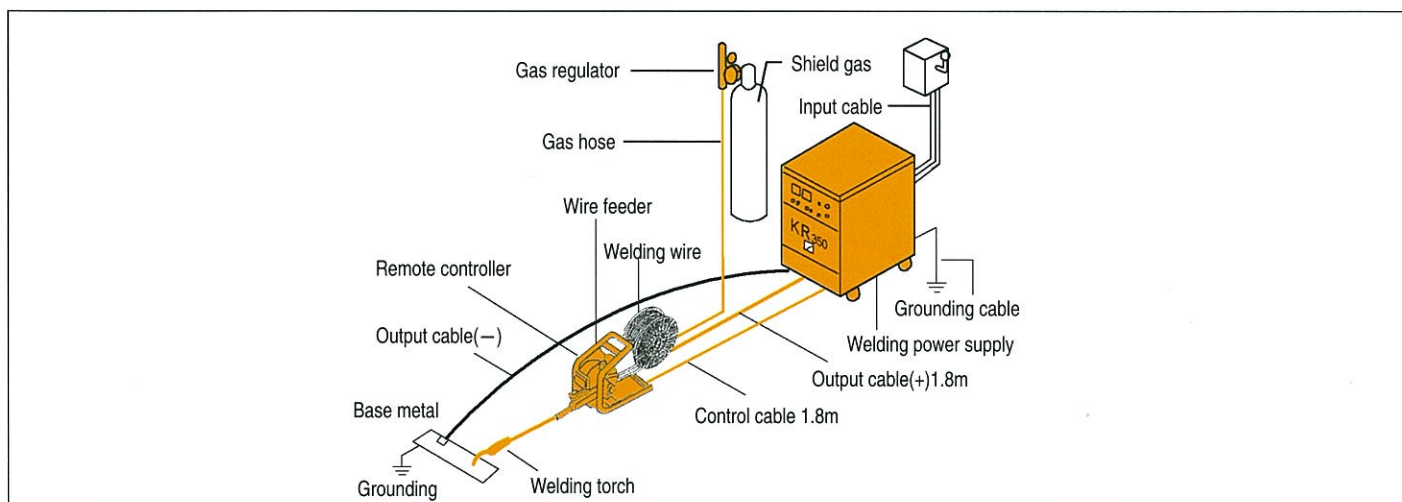
Applicable to all FCW/solid wires. Three types of applicable wire diameters can be selected in all Models. Operation is possible with 50/60Hz anywhere. Suitable for visiting work.

■ KR Series Rated Specifications

		YM-200KR2	YM-250KR2	YM-350KR2	YM-400KR2	YM-500KR2
DC power source for CO ₂ welding		YD-200KR2	YD-250KR2	YD-350KR2	YD-400KR2	YD-500KR2
Control Method		Thyristor	Thyristor	Thyristor	Thyristor	Thyristor
Phase	φ	3	3	3	3	3
Rated Input	kVA	7.6(6.5KW)	9.5(7.9KW)	18.1(16.2KW)	21(19KW)	31.9(28.1KW)
Frequency	Hz	50 or 60	50 or 60	50 or 60	50 or 60	50 or 60
Output Current	A	50~200	50~250	60~350	60~400	60~500
Crater Current	A	50~200	50~250	60~350	60~400	60~500
Output Voltage	V	15~25	15~27	16~36	16~39	16~45
Crater Voltage	V	15~25	15~27	16~36	16~39	16~45
Rated Duty Cycle	%	60	60	50	60	60
Applicable Wire Material		Solid/FCW	Solid/FCW	Solid/FCW	Solid/FCW	Solid/FCW
Wire Feeder		YW-35KB3	YW-25KB3	YW-35KB3	YW-50KB3HAR	YW-50KB3
Applicable Wire Diameter	mmφ	(0.8)/0.9/(1.0)/1.2	0.8/(1.0)/1.2	(0.8)/0.9/(1.0)/1.2	(0.8)/(1.0)/1.2/(1.6)	1.2/(1.4)/1.6
Cable Length	m	1.8	1.8	1.8	1.8	1.8
Welding Torch		YT-20CS3	YT-35CS3	YT-35CS3	YT-40CS3	YT-50CS3
Rated Duty Cycle	%	CO ₂ :50%,MAG:25%	CO ₂ :60%,MAG:35%	CO ₂ :60%,MAG:35%	CO ₂ :60%,MAG:30%	CO ₂ :70%,MAG:35%
Rated Current	A	200	250	350	400	500
Wire Diameter	mmφ	(0.8)/0.9/(1.0)/1.2	0.8/(1.0)/1.2	(0.8)/0.9/(1.0)/1.2	(0.8)/(1.0)/1.2/(1.6)	1.2/(1.4)/1.6
Cable Length	m	3	3	3	3	3
Gas Regulator		YX-25CD1HAK	YX-25CD1HAK	YX-25CD1HAK	YX-25CD1HAK	YX-25CD1HAK

■ Connection Drawing

Those in color in diagram are standard components



■ Welding Torch (Optional)

	Part No. (Duty cycle)	Remarks
YM-200KR2	YT-20CS3 (CO ₂ : 50%, MAG: 25%)	200A torch
YM-250KR2	YT-35CS3 (CO ₂ : 60%, MAG: 35%)	350A torch
YM-350KR2	YT-35CS3 (CO ₂ : 60%, MAG: 35%)	350A torch
YM-400KR2	YT-40CS3 (CO ₂ : 60%, MAG: 30%)	400A torch
YM-500KR2	YT-50CS3 (CO ₂ : 70%, MAG: 35%)	500A torch

Panasonic Welding Systems Tangshan Co.,Ltd.

Tangshan New & Hi-tech development zone, 063020, Tangshan, Hebei, China

Tel: +86-315-3206015 3206075

Fax: +86-315-3206018 3206070

Http:// pwst.panasonic.cn

E-mail: tgtsmoss@heinfo.net

Panasonic®

TSMI No.C002E

Specifications subject to change without notice.

2006.5

Bangkok Welding
(Thailand)

www.bangkokwelding.com

info@bangkokwelding.com