

Panasonic

KR2 Series

The World's Most Preferred and Reliable
Fully Thyristorised
MIG/MAG Welding System



World-class welding quality at your doorstep



Panasonic Welding Systems India has set-up its state-of-the-art manufacturing facility in India. So our globally proven range of welding equipment including MMAW, MIG/MAG, TIG, Plasma Cutting, Welding Accessories, and Welding Robots are now available at your doorstep.

With a nationwide network of dealers and prompt service and support, you can be sure of quality and performance that are truly world-class.

Key features of KR2 Series

- Six phase thyristorised system gives ripple-free DC output for superior quality welding.
- Synergic mode (Unified mode) is available for easy setting of current and voltage.
- Fresh tip treatment and burn-back time control are adjustable.
- Secondary short circuit protection is a standard function.
- Arc sensitivity is selectable by changing the tap of the reactor.
- Crater current and crater voltage controls on front panel.
- Crater selection switch, gas check switch, Solid/FCW selection switch, wire diameter selection switch are available on the front panel.
- Works on 50/60 Hz frequency in power supply.

KR2 Series Wire Feeder and Torch

- Printed circuit wire feeder motor for better resolution and accuracy.
- Cable-less remote controller mounted on wire feeder as well as lightweight cables enable better mobility.
- Maximum wire feed speed up to 20.1 m/min.
- Standard 2-Roll Drive and optional 4-Roll Drive available.
- Ergonomically designed MIG torches reduces fatigue.
- Lightweight, durable and long lasting.



RoHS

Restriction of Hazardous Substances

<http://panasonic.net/pws>

Technical Specifications

Technical specification	Units	250KR2	350KR2	400KR2	500KR2
INPUT					
Rated input voltage	Volts	415, +10%, -10%			
Phase/Freq.	No./Hz	3ph/50-60			
Max. Input KVA@415Vac:					
@50% duty cycle	KVA/KW	-	18.1/16.2	-	-
@60% duty cycle	KVA/KW	9.5/7.9	-	21/19	31.9/28.1
OUTPUT					
Rated current range	Amps	50-250	60-350	60-400	60-500
Rated output voltage	Volts	15-27	16-36	16-39	16-45
Welding current (40 C):					
@50% duty cycle	Amps	-	350	-	-
@60% duty cycle	Amps	250	-	400	500
@100% duty cycle	Amps	194	247	310	387
GENERAL					
Conformance to international standards		All machines are manufactured as per std. IEC 60974-1:2000/GB 15579.1:2004			
Applicable shielding gas		CO/CO2+Ar			
Insulation	Class	H			
Cooling	Type	Forced air cooling			
Dimensions (LxBxH)	mm	376x675x747	376x675x747	436x675x762	436x675x762
Weight	Kg	94	117	149	158
WIRE FEEDER		YW-25KB3	YW-35KB3	YW-50KB3	YW-50KB3
Rated welding current	Amps	250	350	400	400
Applicable wire diameter	mm	0.8, 1.0, 1.2	0.8, 1.0, 1.2	0.8, 1.0, 1.2, 1.6	1.2, 1.4, 1.6
Weight	Kg	10.5	10.5	10.5	10.5
WELDING TORCH		YT-35CS4	YT-35CS4	YT-40CS4	YT-50CS4
Rated welding current	Amps	250	350	400	500
Duty Cycle	%	CO2:60%, CO2+Ar:35%	CO2:60%, CO2+Ar:35%	CO2:60%, CO2+Ar:30%	CO2:70%, CO2+Ar:35%
Applicable Wire Diameter	mm	0.8, 1.0, 1.2	0.8, 1.0, 1.2	0.8, 1.0, 1.2, 1.6	1.2, 1.4, 1.6
Cable length	meter	3	3	3	3
Ordering Information		Model No.			
Power source		YD-250KR2DJE	YD-350KR2HJE	YD-400KR2DJE	YD-500KR2HJE
Wire feeder		YW-25KB3DAE	YW-35KB3HAJ	YW-50KB3DAE	YW-50KB3HAN
Welding torch		YT-35CS4DA1	YT-35CS4HAV	YT-40CS4DAF	YT-50CS4HAF

Panasonic reserves the right to alter the specifications without notice.

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Range of Welding Equipment: MMAW | MIG/MAG | TIG | Plasma Cutting | Welding Accessories | Welding Robots
Panasonic is setting up its own state-of-the-art welding equipment manufacturing facility near Gurgaon, Haryana, India.

For more information please write to welding.info@in.panasonic.com.
For service related queries, write to welding.service@in.panasonic.com
Panasonic India Pvt. Ltd.

(Division Company: Panasonic Welding Systems India)
Factory, Head Office and Northern Regional Office
Village Bid Dadri, Tehsil and District: Jhajjar- 124103, Haryana, India
Tel.: +91-124-6676372 / 73, Fax: +91-124-6676338
Email: welding.north@in.panasonic.com

Authorised Sales & Service Provider

Eastern Regional Office: No 1, Vikash Towers, Dr. UN Brahmachari Street, 3rd Floor, Opp. ITC Fortune Hotel, Kolkata 700 016, West Bengal. Phone: +91-33-40269696.

Email: welding.east@in.panasonic.com

Western Regional Office: Technical Centre, Panasonic Welding Systems India, MCCA-Navamal Firodia Excellence Centre, J-462, M.I.D.C., Telco Road, Bhosari, Pune 411026, Maharashtra.

Phone: 09890284448. Email: welding.west@in.panasonic.com

Southern Regional Office: 6th Floor, SPIC Building Annexe, No. 88, Mount Road, Guindy, Chennai 600032, Tamilnadu. Phone: +91-44-61089300. Fax: +91-44-61089399.

Email: welding.south@in.panasonic.com

Central Regional Office: Ayodhya, 119, 2nd Floor, Bajaj Nagar, Nagpur 440010, Maharashtra. Email: welding.central@in.panasonic.com

Japan Factory: 1-1, 3-chome, Inazu-cho, Toyonaka, Osaka 561 0854, Japan **China Factory:** No. 9 Qingnan Rd, Tangshan New & Hi-tech Industrial Park, Hebei, China

Sales Offices at Ahmedabad, Bengaluru, Bhubaneswar, Mumbai and Hyderabad.

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