

Panasonic

# KR2 Series

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

Over 500,000  
KR Series Machines  
Sold Globally



## World-class Welding Quality at Your Doorstep



Panasonic Smart Factory Solutions 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.

**RoHS**

Restriction of Hazardous Substances

## 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.

## Euro Connector MIG Torch Available

- High Performance Euro Connector MIG Torch also available on demand.



## Wire Feeder Available in Various Lengths

- Wire feeder available in standard lengths of 1.8 mtrs, 5 mtrs, 10 mtrs, 15 mtrs and 20 mtrs.

[www.panasonic.com/in/welding](http://www.panasonic.com/in/welding)

## Technical Specifications

Technical Specifications	Unit	250KR2	400KR2	500KR2
<b>INPUT</b>				
Rated Input Voltage	Volts	415, +10%, -10%	415, +10%, -10%	415, +10%, -10%
Phase / Freq.	No./Hz	3ph/50-60	3ph/50-60	3ph/50-60
Max. Input KVA @ 415 Vac:				
@50% Duty Cycle	KVA/KW	-	-	-
@60% Duty Cycle	KVA/KW	9.5/7.9	21/19	31.9/28.1
<b>OUTPUT</b>				
Rated Current Range	Amps	50-250	60-400	60-500
Rated Output Voltage	Volts	15-27	16-39	16-45
Welding Current (40 °C):				
@60% Duty Cycle	Amps	250	400	500
@100% Duty Cycle	Amps	194	310	387
<b>GENERAL</b>				
Conformance to International Standards		All Machines are Manufactured as per Std. IEC 60974-1:2000/GB 15579. 1:2004		
Applicable Shielding Gas		CO <sub>2</sub> /CO <sub>2</sub> +Ar		
Insulation	Class	H		
Cooling	Type	Forced Air Cooling		
Dimensions	mm	376 X 675 X 747	736 X 675 X 762	436 X 675 X 762
Weight	Kg	94	149	158
<b>WIRE FEEDER</b>				
Rated Welding Current	Amps	250	400	500
Applicable Wire Diameter	mm	0.8, 1.0, 1.2	0.8, 1.0, 1.2	1.2, 1.6
Weight	Kg	10.5	10.5	10.5
Wire feeder available in standard lengths of 1.8 mtrs, 5 mtrs, 10 mtrs, 15 mtrs and 20 mtrs.				
<b>WELDING TORCH</b>		<b>YT-35CS4</b>	<b>YT-40CS4</b>	<b>YT-50CS4</b>
Rated Welding Current	Amps	350	350	450
Duty Cycle	10 Min. Cycle	350 Amps, 60% (CO <sub>2</sub> )	350 Amps, 60% (CO <sub>2</sub> )	450 Amps, 60% (CO <sub>2</sub> )
		350 Amps, 35% (CO <sub>2</sub> + Ar)	350 Amps, 35% (CO <sub>2</sub> + Ar)	450 Amps, 35% (CO <sub>2</sub> + Ar)
	Continuous	270 Amps, 100% (CO <sub>2</sub> ) 200 Amps, 100% (CO <sub>2</sub> + Ar)	270 Amps, 100% (CO <sub>2</sub> ) 200 Amps, 100% (CO <sub>2</sub> + Ar)	350 Amps, 100% (CO <sub>2</sub> ) 270 Amps, 100% (CO <sub>2</sub> + Ar)
Applicable Wire Diameter	mm	0.8, 1.0, 1.2	0.8, 1.0, 1.2	1.2, 1.6
Cable Length	Meter	3	3	3
Weight (Incl. Cable)	Kg	2.8	2.8	3.6
<b>ORDERING INFORMATION</b>				
Power Source		YD-250KR2DJE	YD-400KR2DJF	YD-500KR2DJF
		YD-250KR2DJF - Digital display of Amp and Volt		
Wire Feeder		YW-25KB3DAE	YW-40KB3DAS	YW-50KB3DAN
Welding Torch		YT-35CS4DA1	YT-40CS4DAF	YT-50CS4DAF

# Panasonic

**Range of Welding Equipment: MMAW | MIG/MAG | TIG | Plasma Cutting | Welding Accessories | Welding Robots**  
**Panasonic has set-up its own state-of-the-art welding equipment manufacturing facility at Jhajjar near Gurugram, Haryana, India.**

For more information and service related queries please write to:  
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Authorised Sales & Service Provider

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**Phone:** +91-9729900200

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**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.**

PSFSI / KR2 / 022021

[www.panasonic.com/in/welding](http://www.panasonic.com/in/welding)

Panasonic reserves the right to alter the specifications without notice.