

YD-200MW1

The World's Most Preferred and Reliable
IGBT Controlled Portable
DC Arc Welding Machine



IP 23S Standard
Suitable for
Outdoor/ Site use

Heavy Duty
60% Duty cycle

MMAW &
Scratch TIG

Weld upto
4mm Electrode

Single Phase
230 V

Portable
Only 8.5 kg

Key Features of YD-200MW1

- IP 23S protection makes this machine suitable for indoor & outdoor applications.
- Single Phase portable MMAW DC Arc Welding Machine.
- Very Less Power Consumption compared to conventional Welding Machines.
- Allowable Input Voltage fluctuation +10% , -15 % , i.e., it can work between 180 VAC & 260 VAC at both 50 Hz & 60 Hz mains electricity.
- Secondary short circuit protection for Protecting machine during short circuit / mishandling.
- Force air cooling.
- Thermally protected against overloading of machine.
- Excellent arc characteristics with all type of electrodes upto 4 mm.
- TIG Welding Possible with Scratch start.
- 60 % Duty cycle makes this machine heavy duty.
- Welding cables can be extended up to 25 Meters.



World-Class Welding Quality at Your Doorstep



- Panasonic Welding Systems India has set-up its state-of-the-art manufacturing facility in Jhajjar, Haryana, 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.
- Assured commitment to long-term product support in terms of Sales, Service and Spares.
- All-India Sales and Service network.

Ideal for Diverse industries: Civil/Project Construction | General Fabrication | Automotive | Shipbuilding & Offshore Energy | Repair & Maintenance | Railways | Process Industry | Heavy Construction Equipment

Technical Specifications

Power Source

Model Number	YD-200MW1WED	
Welding process	MMA (manual metal arc) welding	TIG welding
Rated input voltage	230 VAC +10% , -15%	
Number of phase	Single-phase	
Rated frequency	50 Hz/60 Hz (Common)	
Rated input power at 200 A	7.6 kW	5.1 kW
Rated input current	Max	42.5 A
	Eff.	33 A
Open circuit voltage	65 VDC	
Rated output current	200 A	
Rated output current	60% (at 200 A, 28V)	60% (at 200 A, 18V)
	100% (at 155 A, 26.2V)	100% (at 155 A, 16.2V)
Welding current range	(DC) 30 A/11.2 V to 200 A/18 V	
Control method	Inverter	
Cooling method	Forced air cooling	
Dimensions(WxDxH)	160 x 450 x 312 (mm) (excluding knobs and the likes.)	
Weight	8.5kg (excluding input cable)	
IP Code	IP23S	
Protection Class	S	

Standard Accessories Supplied along with Machine

Name	Part Number	Q'ty	Note
Electrode holder and cable	K301000203	1	16mm ² 3m
Earth clamp and cable	K301100203	1	16mm ² 3m

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 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
 Service Helpline Number +91-9729900200
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
 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-Navalmal Firodia Excellence Centre, J-462, M.I.D.C., Telco Road, Bhosari, Pune - 411026, Maharashtra.
 Phone: +91-7738319807, 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. Phone: +91-9763993605, 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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