

# Panasonic

# 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 Smart Factory Solutions 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 <sup>2</sup> 3m
Earth clamp and cable	K301100203	1	16mm <sup>2</sup> 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 Gurugram, Haryana, India.**

For more information and service related queries please write to:  
[welding.info@in.panasonic.com](mailto:welding.info@in.panasonic.com), [Psfsin.enquiry@in.panasonic.com](mailto:Psfsin.enquiry@in.panasonic.com)

#### Panasonic India Pvt. Ltd.

(Division Company: Panasonic Smart Factory Solutions India)

**Head Office:** 12th Floor, Ambience Tower, Ambience Island, NH-8 , Gurugram - 122002, Haryana, India. Phone: +91-124-4871300, Fax: +91-124-4871333

**Factory:** Village Bid Dadri, Tehsil and District: Jhajjar - 124103, Haryana, India.  
 Phone: +91-9729900200

Authorised Sales & Service Provider

**Eastern Regional Office:** No 1, Vikash Towers, Dr. UN Brahmachari Street, 3rd Floor, Opp. ITC Fortune Hotel, Kolkata - 700016, West Bengal. Phone: +91-9729900200

**Western Regional Office:** 5th Floor, Unit No. 502 & 503, Windfall Building, Sahar Plaza Complex, Survey No. 179A to 179H, J. B. Nagar, Andheri East, Mumbai - 400058, Maharashtra. Phone: +91-9729900200

**Southern Regional Office:** 6th Floor, SPIC Building Annexe, No. 88, Mount Road, Guindy, Chennai - 600032, Tamilnadu. Phone: +91-9729900200

**Central Regional Office:** Ayodhya, 119, 2nd Floor, Bajaj Nagar, Nagpur - 440010, Maharashtra. Phone: +91-9729900200

**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 / YD-200MW1 / 022020

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