

Panasonic

300WY4

The World's Most Preferred and Reliable
Inverter Controlled AC/DC Pulse TIG Welding Machine



High quality welding
for a variety of
materials

World-class welding quality at your doorstep



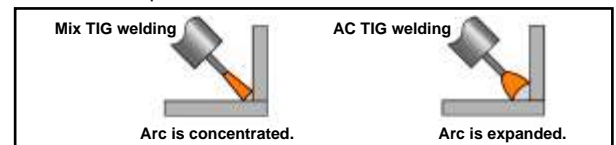
Panasonic Welding Systems India has set-up its state-of-the-art manufacturing facility in India. So our globally proven range of welding equipment including MMAW, MIG/MAG, TIG, Plasma Cutting, Welding Accessories, and Welding Robots are now available at your doorstep.

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

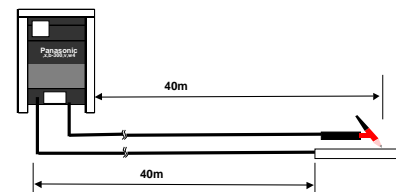
Key features of 300WY4

- High-end model for high-quality welding of various materials
- Welding modes for various materials
 - MIX Mode, AC Standard / Soft / Hard Mode are available
- Selectable AC Output Frequency-makes it possible to weld a wider variety of Aluminium
 - Ideal for welding hard Aluminium (No.6000 and 7000 of JIS) and Aluminium Bronze
 - Possible to weld thin plates, thick plates and Aluminium Alloys
- Welding modes for various job requirements

- Mix TIG Welding
 - The concentrated arc is ideal for lap welding of thin aluminum plates



- Combination of AC and DC TIG allows deep penetration and significantly reduces electrode consumption
- All Panasonic Welding Equipment arc RoHS compliant
- Extension cable up to 40m (one way)>



- Cleaning Width Function
 - Benefits of cleaning width
 - When the base metal's surface is dirty
 - The base metal's oxidation coatings is thick
 - Welding of aluminum alloy
 - Welding of surface processing aluminum Ex; alumite
- Standard accessories
 - Gas hose: 3M
 - Glass tube fuse: 1 (5A)
 - Cooling water filter: 1
 - Operation Manual: 1
- Cleaning width and pulse can be changed at will
- Faster service support across India



<http://panasonic.net/pws>

Technical Specifications

Technical Specification		Unit	YC-300WY4
Rated Input Voltage		V	415
Phase			Three Phase
Input Voltage Fluctuation Tolerance			Rated Input Voltage \pm 10%
Rated Frequency		Hz	50/60 (in common.)
Rated Input		kVA kW	10.5 9.5
No Load Voltage	DC Stick	V	Voltage reducing "ON" : 14 Voltage reducing "OFF" : 63
D.C. Output Current	TIG	A	4~300
	Stick	A	4~250
A.C. Output Current	MIX TIG	A	10-300
	A.C. Std. TIG	A	10-300
	A.C. Hard TIG	V	20~300
	A.C. Soft TIG	V	10~200
Rated D.C Output Voltage	TIG	V	10.2~22
	Stick	V	20~30
Rated A.C Output Voltage	MIX TIG	V	10.4~21
	A.C. Std. TIG	V	10.8~22
	A.C. Hard TIG	V	10.8~22
	A.C. Soft TIG	V	10.4~18
A.C. Std. Mix Initial Crater Current		A	10~300
D.C. Initial Crater Current		A	4~300
A.C. Soft Initial Crater Current		A	10~200
A.C. Hard Initial Crater Current		A	20~300
Rated Duty Cycle		%	40
Gas Preflow Time		S	0.3
Gas Postflow Time		S	2~20
Upslope Time		S	0 or 0.1~5 N.B 1)
Downs Lope Time		S	0 or 0.2~10 N.B 1)
Pulse Frequency	Middel Pulse	Hz	10~500
	Low Pulse	Hz	0.5~25
Pulse Width		%	15~85
Cleaning Width			A.C. Std TIG, Mix TIG, A.C. Soft TIG, A.C. Hard TIG
Mix TIG Frequency		Hz	0.5-10
Crater Control Process			"ON" "OFF" "REPEAT"
Outside Dimention		mm	380 (W) X 530 (D) X 730 (H)
Mass		kg	74

Panasonic reserves the right to alter the specifications without notice.

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 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, MCCIA-Navalmal 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 and Mumbai.

<http://panasonic.net/pws>