

More Consistent arc start with high reliability



High-frequency (HF) arc start for non-contact arc initiation.



Processes

- DC TIG (GTAW)
- Stick (MMA)

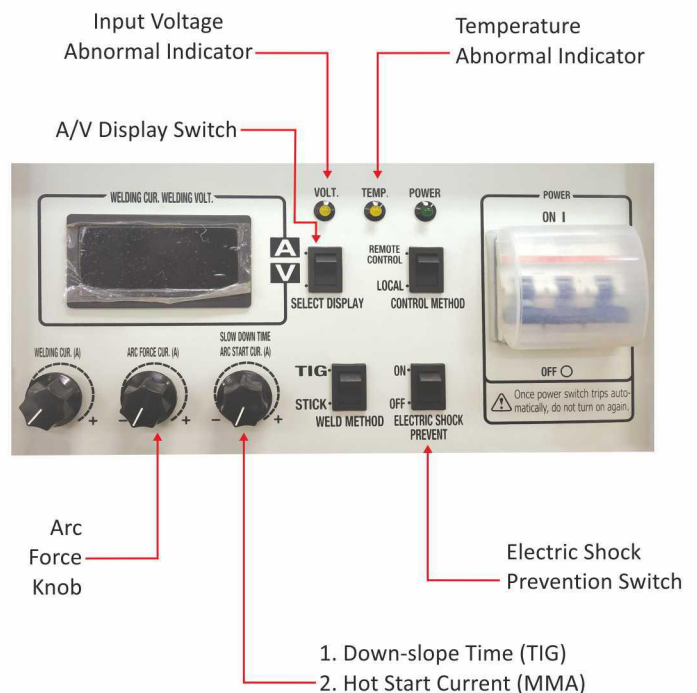
Industrial Applications (DC TIG)

- Aerospace Industry
- Small diameter ,thin wall tubing for example in Bi-cycle industry
- Root (first pass) welds for piping
- Maintenance & Repair Work- Repair of Tools & Dies

Base Metals Compatible with DC TIG

- Copper Alloys
- Cu-Ni Alloys
- Stainless Steel
- Low carbon alloys
- Low alloy steels

Exclusive Features



Arc Force (MMA)

This is a feature used in Stick welding. Arc force is a temporary increase of the output current during welding when the arc is too short. This feature supports operators to achieve consistently excellent arc performance resulting faster & better quality production.

Hot Start (MMA)

There is a temporary increase of the output current (0.5 seconds approx.) during the start of welding. Hot Start provides excellent arc ignition without the electrode sticking.

Adjustable Current Down-slope time (Crater fill in TIG Welding)

Downslope time adjustable from 0.5 to 2.3 seconds. It supports to fill the crater.

Electric Shock Prevention Switch

This feature is very useful in the wet environment, high altitude, narrow places, welding inside metal containers. When the anti-shock function is used, the output voltage is about 13V at no-load.

Input voltage abnormal indicator

When the input voltage is abnormal; over-voltage or under-voltage, the light gets on and the machine has no output. When one phase is missing, the voltage abnormal indicator flashes twice in every second.

Temperature Abnormal Indicator

When there is overload, the lamp flashes once every one second and the machine has no output.

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.

Technical Specifications

Technical Specifications	Units	400AT3
INPUT		
Rated Input Voltage	Volts	415, ±20%
Phase/Freq.	No./Hz	3ph/50-60
Max Input KVA @ 60% Duty	KVA/K	
Cycle	W	17.60/16.70
OUTPUT		
Open-Circuit Voltage	Volts	71
Welding Current Range	Amps	20-410
Rated Welding Current	Amps	400
Rated Welding Voltage	Volts	36 (Stick) / 26 (TIG)
Rated Duty Cycle	%	60
Gas Pre-flow (TIG)	Sec	Fixed
Gas Post-flow (TIG)	Sec	Fixed
Current Up Slope Control (TIG)	Sec	Fixed
Current Down Slope Control (TIG)	Sec	0.5 to 2.3
Adjustable Arc Force Current (MMA)	Amps	0-220
Hot Start Current (MMA)	Amps	0-150
GENERAL		
Conformance to International		All machines are manufactured as per std.
Standards		IEC 60974-1:2000/GB 15579.1:2004
Power Control Method		IGBT Inverter Controlled
Digital Display		4 Digit, 7 segment LED Display
Ingress Protection	Class	IP 23
Insulation	Class	H
Cooling	Type	Forced Air Cooling
Power Factor		> 0.9
Operating Temperature	°C	-10 to 50
Dimensions (LxBxH)	mm	550 x 330 x 600
Net Weight	Kg	45
Ordering Information		Model No.
Power Source		YD-400AT3DJT

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

Authorised Sales & Service Provider

PSFSI / 400AT3DJT / 022021