

400AT3DJU

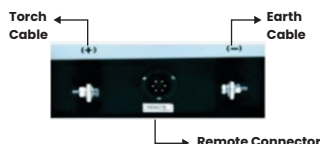
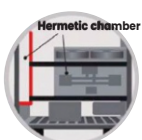
IGBT Controlled DC TIG/MMA
Welding Power Source



Consistent arc start with high reliability

Key Features of 400AT3DJU

- **Higher Weld Stability**
High power IGBT components in the main circuit ensure smooth output wave-form resulting in greater arc stability even at 4A output current.
- **Reliability even in rugged environments**
Dust-proof and superior water-proof design for greater endurance.
More efficient cooling.
Complies with IP23 enclosure class.
- **Easy-to-assemble connectors**
Remote operation possible.
- **Compatible with TIG Mate**
In conjunction with TIG Mate, automatic TIG welding is possible
- **Unique design of three layer and four roomdust-free structure**



Base Metals Compatible with DC TIG

- Low alloy steel
- Mild Steel
- Copper Alloys
- Cu-Ni Alloys
- Stainless Steel

Ideal for Various Applications

- Petro Chemical plants
- Power Generation
- Pressure Vessel Manufacturing
- Stainless Steel Product Manufacturing

Adjustable Current Up Slope & Down slope time

Up slope time adjustable from 0.1 to 5.0 seconds. Down slope time adjustable from 0.2 to 10.0 seconds. It supports to fill the crater.

Electric Shock Prevention Switch

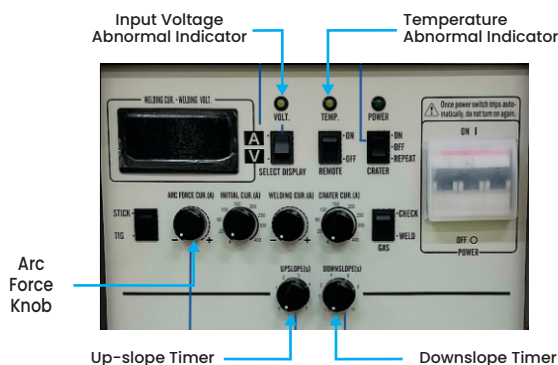
This feature is very useful in the wet environment, high altitude, narrow places, welding inside metal containers. When the anti-shock function is used, the output voltage is about 13V at no-load.

Arc Force (MMAW)

By stepless regulating Arc Force Current - more stable arc, deeper penetration, less chance of stick adhesion, arc break & excessive spatter. Good for all position welding

S. No.	Technical Specifications	Unit	YD-400AT3DJU
1	Rated Input Voltage	V	415
2	Allowable fluctuation	V	415±20%
3	No. of Phase	-	3
4	Rated Frequency	Hz	50/60
5	Rated input	kva	14.5 (TIG) / 21.4 (STICK)
6	Rated input	KW	12.4 (TIG) / 17 (STICK)
7	Output current	A	4~400
8	Initial current	A	4~400
9	Crater current	A	4~400
10	Rated output voltage	V	26 (TIG) / 36 (STICK)
11	Rated Duty Cycle	%	60
12	Pre-flow	S	0.3
13	Post-flow	S	2~20
14	Up slope time	S	0.1~5
15	Down slope time	S	0.2~10
16	Crater control process	16	Three mode(ON,OFF,REPEAT)
17	Outside dimension (L×W×H)	mm	555×327×602
18	Weight	kG	43

Exclusive Features



Important Safety Features

- Electric shock prevention switch
- Over-voltage and under-voltage protection
- Over-heating protection
- Single-phasing protection

Superior Wave form control for diverse welding needs

- Good arc stiffness and concentration.
- Welding of heat-sensitive metals such as titanium and stainless-steel, and ultra-thin plates.
- For all-position welding of mid/thin plates and pipes made of various metals (except Aluminum, Magnesium and their alloys).
- Initial current control and crater current control improves bead quality during arc start and crater stages.

World-class Welding Quality at Your Doorstep

- Panasonic Smart Factory Solutions India has set up its state-of-the-art manufacturing facility in Jhajjar, near Gurugram, Haryana.
- We assure long-term product support through dedicated sales, service, and spare parts availability, backed by an all India support network



Range of Welding Equipment: MMAW | MIG/MAG | TIG | Plasma Cutting | Welding Accessories | Welding Robots

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