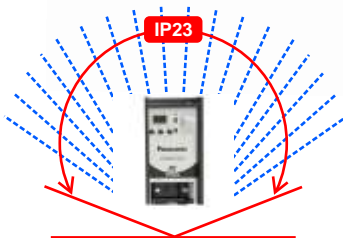


The World's Most Preferred and Reliable

400 Amps IGBT Inverter
DC Arc Welding System



Key features of 400 AT3



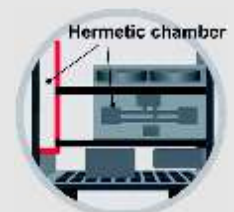
- IP 23 Protection class makes this machine suitable for indoor and outdoor applications.
- High Ambient Temperature resistance up to 50°C – ideal for Indian atmospheric conditions.
- Allowable Input Voltage Fluctuation range up to +/- 20%.
- Output Cable extendable to 100 meters.
- Double fan available for increased cooling efficiency.
- Compatibility with DG Sets.
- TIG Welding is possible with scratch start.
- Suitable for all kind of acidic, basic, stainless steel and low hydrogen alloy electrodes.
- Unique design of three layer and four cabinet dust-free structure for safety of electronic components.
- Stacking of machines is possible.
- Wheels provided for better mobilization.

Important safety features

- Electric shock prevention switch to protect the operator while working in moist, upper air or in metal container.
- Over-voltage and under-voltage protection.
- Overheating protection.
- Single-phasing protection.

Unique design of triple-tier and four cabinet:

The main power components, PC board, switch, potentiometer are built in two Hermetic Chambers, which effectively prevents ingress of dust. The Intake Port is positioned at the the top layer, which improves the efficiency of heat emission and also protects the electronic parts from getting damaged due to dust.



Others



AT3



Restriction of Hazardous Substances

YD-400AT3DJE (Cellulosic)

This is to confirm that the Model Offered i.e.- 400AT3DJE is suitable for welding with cellulosic electrode, especially in the all-Position-Pipeline welding condition.

Name of Equipment : YD-400AT3DJE
Technology : IGBT Inverter

Salient Features:

- Using IGBT controlled method, new type of transformer and unique case structure, the light and compact machine provides a better mobility.
- Using PWM controlled technology which offers constant welding current and stable welding arc.
- There is an electric-shock-prevents witch in the frontal panel, when people welding in the danger of electric shock, please turn it on that would guard the operator against electric shock.
- There are also designed many guard functions, which can stop the welding and give off alarm at the power abnormality or over-duty using or IGBT damage caused by over-current conditions.
- Range of fluctuant power voltage :±20%

Application:

- Suitable for all kinds of acid, basic, stainless steel, cellulosic and low-hydrogen alloy electrodes. .
- Widely applied to the petrochemical industry, power plant, construction industry, pipe-line construction and so on.

		YD-400AT3DJE
Rated input voltage	V	3~415 (50 Hz/60 Hz)
Rated input capacity	kVA / kW	17.6/16.7
No-load voltage	V	71
Welding current	A	20~410
Force current	A	Max. 220
Start current	A	Max. 150
Rated output voltage	V	36(Stick) /26(Simple TIG)
Rated duty cycle	%	60
Controlled mode		IGBT inverter
Cooling mode		Forced wind cooling
Insulated class	—	H
Degree of protection	—	IP23
Dimension (L×W×H)	Mm	550× 330× 600
Net weight of power source	Kg	43

Thanking You,

Ashok Kumar

Panasonic Welding Systems India

