

CHAMPTIG 300 P

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APPLICATIONS

- Recommended for Pulsed DC TIG welding applications of ferrous metals and alloys like MS, SS and alloys etc
- Suitable for uses within fabrication shops like railway workshops, coach building factories, Shipyards, Steel plants, Construction of Power plants, Refineries, Cement plants etc as well as project sites
- TIG welding equipments and process are ideally recommended for precision welding of thin sheets, tube to tube and tube to sheet welding, X-ray quality welding and other welding applications where finish of welded jobs is very important

SALIENT FEATURES

- Inverter (IGBT) based, energy efficient TIG welding outfit with built-in HF, for medium and heavy duty welding applications
- High power factor, high efficiency power sources, resulting over 30% energy savings compared to conventional inverter power sources
- Power source provided with protections against Over voltage, Under Voltage, Over load and Single phasing
- Most compact and light weight TIG outfits ideally suitable for within shopfloor and project sites - easy mobility at project sites
- Welder friendly operation - easy selection of processes like MMA, DC TIG, adjustment of welding parameters including upslope/downslope, pulse frequency etc provided on the front panel
- Option of foot control switch available for easy adjustment of current while welding to control the heat input for precision welding applications



BRIEF SPECIFICATIONS:

MODELS	UNIT	CHAMPTIG 300 P
Supply voltage	Volt	415
Phase	No	3
Input KVA @ 100% Duty cycle (MMA, DC TIG)	KVA	7.5 / 7.0
Open circuit voltage	Volt	70
Welding current range (MMA, DC TIG)	Amp	52-250 / 5-300
Welding current @ 60% Duty cycle (MMA, DC TIG)	Amp	250 / 300
Welding current @ 100% Duty cycle (MMA, DC TIG)	Amp	195/230
Class of insulation	Class	H
Dimensions (LxWxH)	mm	560x325x285
Weight (approx.)	Kg	38
Water cooling unit	Model	WCU 302
TIG Torch	Model	HIPROTIG 301 / 4
		HIPROTIG 301 / 8



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