

CHAMPTIG 163

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APPLICATIONS

- Recommended for DC TIG welding applications of ferrous metals and alloys like MS, SS
- Ideally suitable for light and medium duty DC TIG welding applications in sheet metal working industry, repair and maintenance jobs in car repair workshops, Chemical, Refinery and Cement plants, Railway workshops etc, particularly welding at corners & end points of thin sheet metal, piping jobs like bakery equipment etc as well as project sites
- These TIG welding equipments and process are ideally recommended for highest quality, precision welding of thin sheets, tube to tube and tube to sheet welding, X-ray quality welding and other welding applications where better heat input controls with minimal distortion and good finish of welded joints/jobs is very important

SALIENT FEATURES

- Inverter (IGBT) based, energy efficient DC TIG welding outfit with built-in HF, for light and medium 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 etc.
- Most compact, light weight and portable TIG outfits ideally suitable for repair and maintenance welding jobs within factories, plants and at project sites
- Welder friendly operation - easy selection of processes like MMA, DC TIG, adjustment of welding parameters provided on the front panel



BRIEF SPECIFICATIONS:

MODELS	UNIT	CHAMPTIG 163
Supply voltage	Volt	90-270
Phase	No	1
Input KVA @ 100% Duty cycle	KVA	2
Open circuit voltage	Volt	60
Welding current range	Amp	5-160
Welding current @ 100% Duty cycle	Amp	90
Welding current @ 25% Duty cycle	Amp	160
Type of cooling	Type	Forced Air
Class of insulation	Class	F
Dimensions (LxWxH)	mm	440x140x230
Weight (approx.)	Kg	9.5
TIG Torch	Model	Hipro TIG 170



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