

**TIG - P Series (IGBT) Inverter AC/DC Pulse TIG Welder**

**TIG - 500P AC/DC**



**Standard Accessories**

- 1 pc TIG torch (4m)
- 1 set earth clamp with 35mm<sup>2</sup> cable (2m)
- 1 pc argon regulator + flow meter

**Product description:**

- Latest IGBT module inverter technology along with digital control system which ensures accurate and reliable control.
- Its a multi-purpose machine with can be used for DC pulse chlorine Arc welding, DC chlorine Arc welding, AC Pulse chlorine Arc welding, AC chlorine Arc welding, Manual Arc welding.
- The layout of the front panel is designed is in accordance with the principles of operating process which helps in quicker parameter adjustment or setting to ensure a user friendly experience.
- Independently adjustable of pre-flow and post-flow, upslope and downslope effectively ensuing a controlled welding process.
- It has the functions of slow current rise, slow drop off current, low and high pulse frequency, delayed gas cutoff etc., making it suitable for automatic welding.
- With arc ending adjustment, it reduces the working intensity greatly.
- With good protection of under voltage, over voltage, and over current, it makes the machine safe and reliable
- Inbuilt water cooling unit to avoid over heating and ensuring continuous welding application on heavy welding applications.
- Clean welding adjustable under AC aluminium welding to weld aluminium and alloy aluminium. Also can be used to weld stainless steel, cooper and other non ferrous metal.
- Applicable to such industries as construction, logistics, chemical industry, medical science, etc.

**Main technical parameters:**

	<b>TIG - 500P AC/DC</b>
Input power voltage	AC415V ± 15%
Input Frequency (HZ)	50/60
Rated Input Current	36A
Power Capacitance	21.5KVA
Rated Output Current	500A
Range of Output Corrent	10~500A
Rated Welding Voltage	30V
No-load Voltage	72V
Rated Duty Cycle	100%
Pre-Flow(S)	0-0.5S
Clean Width (%)	10%-50%
Slope-Down Time (S)	0~10
Post Flow Time (S)	0~60
Pulse Frequency (Hz)	0.2~100
Pulse Duty Cycle (%)	10-90
Arc-Leading	HF Vibration
Efficiocy (%)	85
Load Duty Cycle (%)	A-60%
Power Factor	0.93
Insulation Class	B
Protection Class	IP23
Weight (Kg)	52
Size (mm)	910x515x920



MANUFACTURER / IMPORTER IN INDIA

SALES:- SALES@VIRGOPLUS.IN  
SERVICES:- SUPPORT@VIRGOPLUS.IN

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