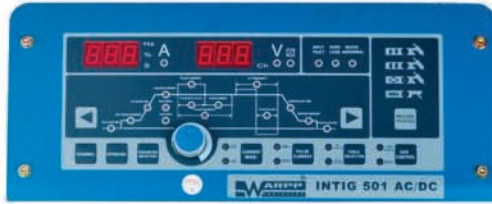


DIGITAL INVERTER BASED AC/DC SQUARE WAVE TIG WELDING MACHINE

INTIG-AC/DC Series machines are microprocessor controlled fully digital IGBT inverter based arc welding power source with soft switching technology. They are widely used for DC TIG, DC PULSE TIG / AC Square wave TIG and AC Square Wave Pulse TIG welding in various metals including Al. and Mg alloy.



Features

- Advanced *Soft Switching* technology, hence more reliability.
- Microprocessor controlled technology.
- High Operating frequency and hence low volume and weight.
- Digital Display of all adjustable parameter.
- Easy Operation with single knob control.
- Water flow switch for torch protection.
- Memory Channels to store data.
- High power factor.
- Built in High Frequency Unit.
- Gas Check Facility.
- 2/4 Step function.

Basic Outfits

Power Source, 2 Pin Socket for torch trigger

Optional Accessories

Water Circulation system, TIG Torch, Gas Regulator flowmeter and remote control



Technical Specifications

Model	Peak / Base Current (A)	Input Power (KVA)	Open Circuit Voltage (V)	Max Welding current (MMA)	Dimensions (L x W x H mm)	Weight (Kg)
INTIG - 316 AC/DC	DC 10~315 AC 20~315	10.3	82	260	710x350x650	52
INTIG - 501 AC/DC	DC 10~500 AC 20~500	19.5	85	400	725x390x785	70
Input Supply – 380~440 V 3- Phase 50Hz Supply						
Duty Cycle – 60% (40°C & 10Min.)			Down Slope Time (Sec.) – 0.1 ~ 15			
Efficiency (%) – 85			Pulse Frequency (Hz) – 0.2 ~ 99.9			
Gas Pre Flow (Sec.) – 0 ~ 5			Pulse Duty Cycle (%) – 10 ~ 90			
Post Gas Flow (Sec.) – 0 ~ 20			AC Welding Frequency (Hz) – 20 ~ 200			
Up Slope Time (Sec.) – 0.1 ~ 10			Power factor – 0.9			

Specifications may subject to change without notice.