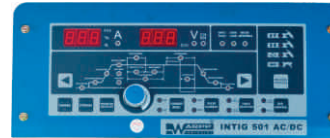


DIGITAL INVERTER BASED AC/DC SQUARE WAVE TIG WELDING MACHINE

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.
- Micro controller based technology for precise setting of welding parameters.
- Under voltage, Over voltage, Phase absence and over heat protection.
- Digital preset of all welding parameters.
- Memory channels to store parameters.
- High Efficiency, Better power factor.
- Light Weight but high duty cycle.
- Built in High Frequency.
- Gas Check facility.
- 2/4 Step function.



Basic Outfits

Power Source with Wheels & Remote socket for torch trigger switch

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	Dimensions (L x W x H mm)	Weight (Kg)
INTIG - 350 AC/DC	DC 10-255 AC 20~350	11	70 ~ 80	MMA 255 TIG 350	690x340x770	52
INTIG - 501 AC/DC	DC 10~355 AC 20~500	19.5	70 ~ 80	MMA 400 TIG 500	730x400x900	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 subjected to change without notice.