

INVERTER BASED MMA/TIG/PULSE TIG – INTIG 402 W PULSE

INTIG – PULSE series machines are microprocessor controlled fully Digital IGBT inverter based arc welding power source with soft switching technology. They are widely used for DC MMA, DC TIG & DC PULSE TIG welding in mild steel, alloy steel, stainless steel, copper & titanium.

Features

- Advanced Soft Switching inverter technology, hence more reliability.
- Micro Controller based technology for precise setting of welding parameters.
- Under Voltage, Over Voltage, Phase absence and over hear protection.
- Digital preset of all welding parameters.
- High Efficiency, Better power factor.
- High switching frequency, hence low volume & weight.
- Built in high frequency.
- 2/4 track function in TIG.
- Can be used with extended welding cable in MMA.
- Built in gas control solenoid valve & water flow switch for torch safety.
- 14 Ltrs. Water tank made from heat resistant PVC material
- Specially designed Vortex pump with brass body.
- Three stage copper tube cooling radiator combine with separate high speed fan ensures efficient heat transfer to keep the torches cool.
- Water level indication.
- High Speed Cooling fan for Water Circulation Unit.

Basic Outfits

- Power Source with built in Water Cooling System
- TIG Torch 4 mtr. or 8 mtr.
- Argon Regulator with Flow meter.
- Cylinder Trolley.
- Earthing cable with clamp.
- Starter kit for TIG torch.
- Brass Conductor Adaptor

Optional Accessories

Wire Remote Controller.

Technical Specifications

Model	Input Power (KVA)	Current Range	Duty Cycle	Weight (KG)
INTIG – 402 W PULSE	19.4	5 ~ 400	100%	85
Input Supply - 380 ~ 440V 3 Phase				
Open circuit voltage - 75-85V		Insulation Grade – H		
Efficiency at full load (%) - 89		Power Factor – 0.9		
Peak / Welding Current – 5 ~ 400		Up / down slope Time (Sec.) – 0 ~ 10		
Pre Gas Time (Sec.) - 0 ~ 5		Post Gas Time (Sec.) – 0 ~ 60		
Start / Stop Current (Amp) – 5 ~ 400		Base Current (Amp) – 5 ~ 400		
Pulse frequency (Hz) – 0.1 ~ 99.9		Pulse Duty Cycle (%) – 5 ~ 95		
Tank capacity – 14 litre				
Pump Capacity - 0.16 KW				
Radiator Type & Size-255x230mm with three stage copper pipes.				
Dimensions-LxWxH(mm)-920x520x1100				

