

INVERTER BASED MMA/TIG/PULSE TIG OUTFIT - INTIG-402 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 heat 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.

Basic Outfits

- Power Source.
- Water cooling system.
- TIG torch 4 mtr or 8 mtr (WP-18 / WC-400)
- Argon Regulator with Flow meter.
- Cylinder Trolley.
- Earthing cable with clamp.
- Starter kit for TIG torch.
- Brass Conductor Adopter

Optional Accessories

Wire Remote Controller.

Technical Specifications

Model	Input Power (KVA)	Current Range	Duty Cycle	Weight (KG)
INTIG – 402 PULSE OUT FIT	18.4	5 – 400	100%	85
Input Supply - 380-440 V 3-Phase 50Hz Supply				
Open circuit voltage - 75 Volts		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		
With attach WCS-400 (Water Cooling system)				
Input Supply - 230 Volts Single Phase 50 Hz Supply				
Water tank made from heat resistant PVC material.		Tank capacity – 24 liter		
Specially designed Vortex pump with brass body which will avoid corrosion.		Pump Capacity - 0.125 HP		
Three stage copper tube cooling radiator system combined with separate high speed fan ensures efficient heat transfer to keep the torches cool.		Radiator Type & Size - 255x230 mm with three stage copper Pipes.		
Water level indication.		Cooling fan - High speed.		

Specifications may subject to change without notice.

