

INVERTER BASED DC MMA/TIG WELDING MACHINE

INTIG 400 IS is IGBT based arc welding power source. This employs IGBT module in full bridge topology. They are widely used for manual metal arc welding with acid and basic electrodes and for TIG welding of various metals except Al & Mg Alloy.

Features

- IGBT Module with full bridge topology.
- Digital display of current with precise preset function.
- Digital display of voltage
- High power factor
- High switching frequency, hence low volume & weight.
- Adjustable arc force in MMA.
- Built in high frequency.
- 2/4 track function in TIG.
- Adjustable Down slope function in TIG.
- Can be used with extended welding cable in MMA.
- Under voltage, Over voltage, Phase absence and over heat protection.
- 24 Lt. Water tank made from heat resistant PVC material
- Specially designed Vortex pump with brass body.
- Three stage copper tube cooling radiator combined 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
- TIG torch 4 / 8 mtr
- Argon Regulator with Flow meter.
- Water Circulation Unit
- Cylinder Trolley.
- Earthing cable with clamp.
- Starter kit for TIG torch.
- Remote Socket for Torch Trigger Switch

Optional Accessories

Wired Remote Controller

Technical Specifications

Model	Input Power (KVA)	Current Range	Weight (Kg)	Dimensions LxWxH(mm)
INTIG 400 IS OUTFIT	18.4	20 ~ 400	72	920x550x990
Input Supply - 380-440 V 3-Phase 50Hz Supply				
Open Circuit voltage - 75 ~85 Volts				
Insulation Grade - H				
Efficiency at full load (%) - 89				
Power Factor - 0.95				
Duty Cycle 60%				
Pump Capacity- 0.16 KW				
Radiator Type & Size - 255 x 230mm with three stage copper pipes.				

