

INVERTER BASED DC MMA/TIG OUTFIT INTIG-400I OUTFIT

INTIG I series machines are IGBT inverter based arc welding power source with soft switching technology. They are widely used for manual metal arc welding with acid and basic electrodes for TIG welding of various metals except Al & Mg Alloy.

Features

- Advanced Soft Switching inverter technology & high frequency.
 - Digital display of current with precise preset function.
 - 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.
 - Spec. Silicone Conformal Coating provides a protective coating for PCB against moisture, corrosion, dust, thermal shock and fungal resistance with good dielectric properties in a soft and flexible "solder-through" coating. This coating is almost 3 mm on both side of the PCB.
 - The machine is manufactured as per the CE manufacturing guidelines.
- Protection- Over current/Over Heat/Over Voltage/Phase Absent.

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 Adaptor

Optional Accessories

Wire & Wireless Remote Controller. Remote controller with digital display Inbuilt
Water flow switch for torch safety.

Technical Specifications

Model	Input Power (KVA)	Current Range	Duty Cycle	Weight (KG)
INTIG – 400 I OUT FIT	18.4	20 ~ 400	100% (40°C & 10 Min)	85
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				
With attach Water cooling system (WCS-400)				
Input Supply - 230 Volts Single Phase 50 Hz Supply				
Water tank made from heat resistant PVC material.		Tank capacity – 24 litre		
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.

