

Machine display:



## ***TIG315 AC/DC***

*The **TIG 315 AC/DC** was design by Team of Industrial Technical Engineers to Cater the current TVET (Technical Vocational Education Training Centre) and Industrial needs . Its compact in size with built in Wire feeder with higher duty Cycle to meet long hours of Education and industrial Sector. This **TIG 315 AC/DC** welding machine system can increase the student's productivity, quality, efficiency, and safety. Another aspect of this welding system in can be used for no's of process with this single welding machine. No need to add extra machine as the space will be very limited in a welding bay and with this technology we are able to provide more space for the welder to work around.*

### Features:-

- Use powerful IGBT switches and advanced inverter control technology.
- Digital control technology. The products belong to a high technology inverter welding machine.
- Use PWM control technology and Constand Current (CC) output control, welding current can be exactly controlled.
- AC TIG, DC TIG, DC Pulse TIG and MMA welding process methods.
- MCB for fault protection & fuse for control circuit protection.
- Gas pre/post flow time adjustment (for gas purging and cooling)
- Ease of maintenance
- Digital Display for easy setting of the current.
- 2T/4T Selector Switch for Trigger Hold and Quick Tacking.
- Current limit, Under Voltage and Overload Protection.
- Current Up/Down Slope adjustment (for soft start and crater filling).
- Tungsten tip saving circuit (in LIFT mode, when the tungsten is shorted to work, only 15A current flows)

### Technical Parameters :-

Model	TIG 315 AC/DC
Input voltage	3 ph 415V±15
Frequency	50/60Hz
Rated Input current	14A
Rated input capacity	13.8 KVA
Fuse	40
Non-load voltage	85V
Output current range	15-315A
Duty cycle	60%
Power factor	0.87
Insulation class	F
Shell protection grade	IP21
Dimension	515x275x465mm
Weight	25kg

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