

TIG-250HA IGBT Inverter Welding Machine

The TIG-250HA is a versatile welding machine designed for TIG and MMA welding processes. It features an IGBT inverter technology for efficient power conversion and stable arc performance.



Product Overview



TIG-250HA Smart Inverter Welder

The TIG-250HA is a high-performance inverter welding machine engineered for precision TIG and MMA welding applications. It utilizes advanced IGBT technology to ensure efficient power conversion and highly stable arc performance. Designed for professional environments, it features integrated smart controls including hot start and arc force for superior weld quality, along with a built-in VRD switch for enhanced operator safety.

Technical Specifications

Rated Input Voltage	220 V
Output Polarity	DC TIG
Rated Duty Cycle @40°C	35 %

Performance Metrics



Core Performance

140 A

Rated Output Current

25.6 V

Rated Output Voltage

Application Details

Material Processed

Stainless Steel

Key Features

Integrated Technologies

- IGBT Inverter Technology
- Hot Start Control
- Arc Force Adjustment
- Voltage Reduction Device (VRD)