

AC/DC TIG Pulse Welding Machine

This machine delivers high-quality square wave current and rapid current transformation for a stable arc. Its concentrated heat and solid arc make it suitable for wire filling welding.



Overview

Professional AC/DC TIG Pulse Welding Machine

This advanced AC/DC TIG pulse welding machine utilizes inverter technology to provide high-precision welding capabilities for a variety of materials. It features comprehensive control over welding parameters, including adjustable pulse frequency, pulse width, and gas flow timing, making it suitable for both TIG and MMA welding processes. Designed for efficiency and reliability, it offers a robust duty cycle and precise digital monitoring to ensure consistent results in professional welding applications.

Electrical Specifications

Input Power Voltage	AC220V±15%
Input Voltage Frequency	50 Hz
Rated Input Current	20.7 A
Rated Input Power Capacity	4.5 KVA

Performance Metrics

Key Performance Metrics

200 A

Max Output Current

60 %

Duty Cycle

85 %

Efficiency

Output Current Range	20-200A
No-Load Voltage	56 V

Welding Control

Pulse Control Parameters

Parameter	Range
Pre-flow Time	0-2S
Post-gas Time	2-10S
Slope-down Time	0-5S
Pulse Frequency	1-70Hz
Pulse Width	10-90%
Clear Width	20-80%

Arc Striking Method

HF (High Frequency)

Remote Control Options

Foot Pedal, Trigger

Physical and Safety

Physical Dimensions & Weight

- Weight: 20kg
- Dimensions: 565 x 235 x 512mm

Protection Class

IP21

Insulation Class

B