

AC/DC TIG Welding Machine with LCD Interface

This AC/DC TIG welding machine features a user-friendly LCD screen interface for precise control. It supports both AC and DC welding modes, making it suitable for a wide range of materials and applications.



ADDITIONAL IMAGES



Overview

Advanced AC/DC TIG Welding Solution

This professional-grade TIG welding machine features a high-resolution 5-inch color LCD interface for precise control and monitoring of all welding parameters. Utilizing advanced IGBT inverter technology, it offers versatile AC and DC welding modes suitable for a wide range of materials. With 18 job memory slots and support for 9 languages, this unit is designed to streamline workflows for experienced metal fabricators.

Performance Metrics

Welding Performance

320 A Max TIG Current	250 A Max MMA Current	200 Hz Max Pulse Frequency
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Duty Cycle Efficiency

Duty Cycle	Current (A)
30%	320
60%	226
100%	175

Technical Specifications

Power & Electrical

- Input Voltage: 3~400V 50Hz
- TIG Power Consumption: 9.2 KVA
- MMA Power Consumption: 9.5 KVA
- Load Voltage: 71V
- Insulation Class: F

Physical Dimensions

- Dimensions: 550 x 320 x 480 mm
- Net Weight: 15 kg
- Protection Rating: IP21S

Welding Features

Advanced Control Features

- 5-inch Color LCD Interface
- 18 Job Memory Slots
- 6 Waveform Options (AC Mode)
- Adjustable AC Frequency (40-100 Hz)
- Adjustable AC Balance (10-90%)
- Full Welding Cycle Control (Pre-Flow, Start, Up-Slope, Peak, Base, Down-Slope, Crater, Post-Flow)
- Water Cooling System Ready

Supported Modes

TIG AC, TIG DC, MMA, Pulse Welding