

# DC Inverter TIG Welding Machine

This compact TIG welding machine is designed for DC TIG welding applications. The inverter-based power source ensures stable and efficient welding performance.



## ADDITIONAL IMAGES



## Product Overview

### Professional DC Inverter TIG Welding Solution

This DC Inverter TIG welding machine provides high efficiency and energy savings in a compact, lightweight package designed for easy portability. Engineered with advanced high-frequency arc striking and specialized circuit design, it ensures stable performance even amidst electric-network fluctuations. It is an ideal solution for welding stainless steel, carbon steel, alloy steel, and cast iron in professional factory environments or maintenance settings.

## Technical Specifications

Input Voltage	1 Phase 50/60 Hz AC220V±10%
Efficiency	80 %
Duty Cycle	40 %
No-load Voltage	42 V

## Performance Metrics

### Model Comparison

<b>160 A</b> TIG-160 Current	<b>200 A</b> TIG-200 Current
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### Welding Thickness

Model	Thickness Range (mm)
TIG-160	0.3-5
TIG-200	0.3-8

## Product Features

### Safety Functions

- High-frequency arc striking
- Over-voltage protection (up to 380V)
- Voltage fluctuation resistance
- Compact and portable design

### Supported Materials

Stainless Steel, Carbon Steel, Alloy Steel, Cast Iron