

DC TIG Pulse Welding Machine

This DC TIG pulse welding machine provides comprehensive functionality for high quality welding. Base current, pulse current, up slope, down slope, pulse frequency, and pulse width are continuously adjustable.



Overview

Precision DC TIG Pulse Welding

The DC TIG Pulse Welding Machine is engineered for high-precision welding applications, offering versatile control over critical welding parameters. With adjustable settings for pre-flow, pulse frequency, and down-slope time, this unit allows operators to achieve consistent, high-quality welds across various materials. Its robust design and efficient performance make it a reliable choice for professional welding tasks requiring stable arc characteristics.

Electrical Specifications

Input Voltage	220 V
Input Frequency	50/60
Rated Input Power Capacity	4.5 KVA
Rated Input Current	20 A

Welding Performance

Arc Striking HF	
Output Current Range	10-200A
Duty Cycle	60 %

Pulse Parameters

Pulse Frequency	1-70HZ
Pulse Width	10-90%
Pre-flow Time	2 S
Down-slope Time	5 S

Efficiency & Ratings

Efficiency	85 %
Power Factor	0.93
Insulation Class	B
Protection Class	IP21

Physical Specifications

Weight	13 kg
Dimensions	403 x 153 x 302 mm