



Quick Specs

Personal User Applications

- Construction and installation
- Mechanical maintenance
- Repair and mold manufacturing
- Pipeline industry
- Cans, and hand-made crafts
- Office furniture supplies

Process

Process: DC TIG (GTAW) /Stick (SMAW) /Pulsed TIG (GTAW-P)

Output

Input

Features and benefits

MMA

- Adjustable arc force, anti-stick, easy arc ignition
- VRD, safe and reliable
- Suitable for all kinds of basic and acid welding electrodes

DC TIG

- HF arc starting
- High arc penetration, stable arc, fine welding seam, uniform and beautiful welding formation

DC pulse TIG

- Adjustable pulse frequency, pulse duty cycle, peak current
- Down-slope time current can be reduced to 5A, no crater after crater filling, no defect on welding seam



Standard equipments

- 1 Power source
- 1 Connected primary cable L=3m
- 1 TIG torch (with accessories)
- 1 Ground cable L=3m with clamp and quick plug
- 1 Quick plug

Technical Specification

		TIG200 PRO
Rated input voltage/frequency (Hz)		1 phase, 230V±10%, 50 /60Hz
Rated input capacity (KVA)		7.5
Rated input current (A)		34
Duty cycle (40°C)		40%@200A
OCV (V)		54 /9 (VRD)
MMA	Output current range (A)	20-160
	Arc force (A)	50
	Hot start (A)	50~100
TIG	Output current range (A)	10-200
	Pre-gas /post-gas (s)	0.1-15 /0.1-15
	Initial /final current (A)	10-200 /10-200
	Up-slope /down-slope time (s)	0.1-10 /0.1-10
	Base current (A)	10-200
	Pulse frequency (Hz)	1-20
	Pulse duty cycle	35-75%
	Trigger mode	2 /4T
Arc ignition method		HF
Protection class		IP21S
Insulation class		F
Dimension (mm)		389*155*299
Weight (kg /lb)		9.5 /21



Aotai Electric Co. , LTD.

Address: 282 Bole Ave High-tech Development Zone,
Jinan, Shandong 250101, P.R.China
Tel: +86-531-81921030 Fax: +86-531-88876665
Email: sales@aotaiwelding.com
www.aotaiwelding.com