

DURALLOY®

TIG 200 AC/DC PFC MV

240V AC/DC HF Pulse Inverter
TIG Welding Machine

PART NO: **DA200ACDC**



TIG



STICK

EN60974-1:2012



PFC TECHNOLOGY

Most DURALLOY® Welding Machines feature PFC Technology for maximum electrical efficiency and consistent weld output.

DIGITAL DISPLAY

Variable amperage control with digital meter.

MULTI-WAVEFORM OUTPUT

Waveforms include AC Square wave, AC Sine wave, AC Triangular wave, DC.

SMART KNOB OPERATION

Easy, intuitive parameter selection with smart knob.

AC BALANCE CONTROL

AC balance control (50 - 85%) monitors the oxide and helps improve cleaning action during aluminium welding.

FEATURES

- 4M Switched Flexi Neck TIG Torch
- High Duty Cycle
- Adjustable Pulse Parameters
- AC/DC technology
- Adjustable Frequency (50-250HZ)
- Adjustable Pre/Post Gas
- Adjustable up/down slope
- Wide input voltage - 90VAC - 275VAC
- Hot Start & Arc Force in MMA Mode
- Generator Friendly (8.5 Kva)
- Industrial Cable Connectors (35-50)
- Quick connect gas fittings
- Protective front fascia cover
- IP23 Rating
- Extension lead friendly up to 100m
- Weight 15kg

SPECIFICATIONS

Power Supply	90VAC - 275VAC			
Supply Plug	15 Amp			
Frequency	50/60Hz			
	TIG	MMA	TIG	MMA
Input Power	4.3kW	6.2kW AC	3.7kW	5.7kW DC
Input Current	30A	42A AC	28A	38A DC
Duty Cycle	200A (AC) 35%		170A (DC) 40%	
40°C 10min	155A (AC) 60%		140A (DC) 60%	
	120A (AC) 100%		110A (DC) 100%	
No Load Voltage	66V			
Welding Current	5 - 200A (AC)		5 - 170A (DC)	
Up Slope/Down Slope	0 - 10S			
Pre/Post Flow	0.1 - 10S / 1 - 10S			
Pulse Frequency	0.5 - 200Hz			
AC Frequency	50 - 250 Hz			
Pulse Wide Range	5 - 95%			
Efficiency	80%			
Net Weight	15kg			
Dimensions	465mm x 146mm x 278mm			
Insulation Class	IP23			
Protection Class	H			
Cooling	Auto Fan			

APPLICATIONS

- Boat Building
- General Fabrication
- Aluminium Fabrication
- Stainless Fabrication
- On-site Fabrication

MATERIALS

- Mild Steel
- Aluminium
- Stainless Steel

PACKAGE INCLUDES

- Power Source
- 4M Switched Flexi Neck TIG Torch
- 3M Earth Lead
- 3M MMA Lead
- 1.5M Gas Hose
- Argon Regulator
- Owner's Manual