

TIG 201 PFC AC/DC

240V AC/DC HF Pulse Inverter TIG
Welding Machine

PART NO: **DA201PFCACDC**



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, DC.

AC BALANCE CONTROL

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

FEATURES

- 4M Up/Down 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%		200A (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 - 200A (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	550mm x 190mm x 370mm			
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 Up/Down Flexi Neck TIG Torch
- 3M Earth Lead
- 3M MMA Lead
- 1.5M Gas Hose
- Argon Regulator
- Owner's Manual