

DURALLOY®

TIG 321P AC/DC PULSE

3-Phase AC/DC TIG Inverter
Welding machine

PART NO: **DA321PACDC**

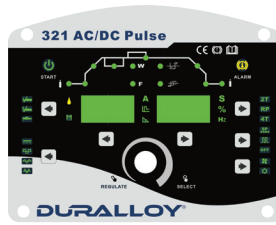


TIG



STICK

EN60974-1:2012



3 YEAR
WARRANTY

DIGITAL DISPLAY

Digital control panel makes setting welding parameters easier

PULSE FUNCTION

Fully adjustable pulse parameters for welding thin materials

AC BALANCE CONTROL

AC balance control (50-85%) monitors the oxide and helps improve cleaning and penetration during Aluminium welding

AC WAVEFORMS

Choice of square wave, sine wave, triangular wave and DC

PROTECTION

Over-heat, over-voltage, over-current and phase loss

FEATURES

- 4m Water Cooled Flexi Neck TIG Torch
- Gas Flow Meter Regulator
- AC/DC Technology
- Adjustable Pulse Parameters with choice of 3 AC/DC waves + DC Output
- Adjustable Pre/Post Gas
- High duty cycle with IGBT module for industrial application
- Industrial Cable Connectors (35-50)
- Quick Connect Gas Fitting
- Adjustable Frequency 50 - 250 Hz
- Protective Front Fascia cover
- 32 Amp Primary Plug fitted
- IP23 Rating
- * Integrated Industrial Trolley with Water Cooler

SPECIFICATIONS

Power Supply	415V 3 Phase		
Frequency	50/60Hz		
	AC TIG	DC TIG	MMA
Input Power	9kW	9kW	13kW
Input Current	18A	18A	24.6A
Duty Cycle 40°C 10min	320A 60% 250A 100%		
Welding Current	10A - 320A		10A - 320A
UP/Down Slope Time	0 - 10 seconds		
Pre/Post Flow Time	0 - 2 / 0-10 seconds		
Pulse Frequency	0.5 - 200 Hz		
AC Frequency	50 - 250 Hz		
Pulse Width Range	5 - 95 %		
Clearance Effect (AC TIG)	15 - 50		
Efficiency	> 85%		
Weight - Power Source	26kg		
Dimensions	550mm x 240mm x 445mm (Power Source)		
Insulation Class	H		
Protection Class	IP23		
Cooling	Auto Fan		

APPLICATIONS

- Heavy Fabrication
- Aluminium
- General Fabrication
- Pipe & Tube industry
- On-site Fabrication
- Maintenance

MATERIALS

- Mild Steel
- Aluminium
- Stainless Steel