



PROTIG 250P/400P



TIG / STICK Welding Power Source

Industrial Applications:

Pressure Vessel Fabrication
Petrochemical
Food / Beverage Industry
Pipe & Tube Fabrication

Processes:

TIG (GTAW)
Pulse TIG (GTAW-P)
Stick (SMAW)

Input Power: 3 Phase

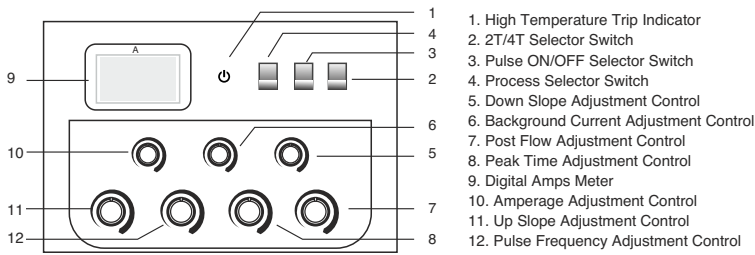
	250	400
Amperage Range:	20-250	20-400
Weight:	19 kg	36 kg



Features Description

- IGBT Inverter DC HF TIG / Pulse TIG / Stick Welder
- Input Voltage Compensation of $\pm 15\%$
- Stepless Current Setting
- Digital Display for Amperage
- HF & Lift Arc Start Ignition
- 2T / 4T adjustment available on panel
- Compact, Light Weight for easy portability
- Power & Thermal Protection Indicator on Panel
- PC Boards are coated for protection against contaminants
- Suitable for welding with Basic, Rutile & Cellulosic Electrodes

Control Panel



Package



Main Specification

ITEM		PROTIG 250P	PROTIG 400P
Input Supply			
Voltage	VOLTS	415, ±15%	
Phase	NO.	3	
Frequency	Hz	50 / 60	
Power @ 60% Duty Cycle	Kva	9.4	17
Power Factor	COS ϕ	0.99	
Efficiency	% η	81	77
Output Power			
Open Circuit Voltage	VOLTS	70	80
Welding Current Range	AMPS	20-250	20-400
Welding Current (at 40°C & 10 Min) At 60% Duty Cycle	AMPS	190	400
At 100% Duty Cycle	AMPS	147	310
General			
% on time	%	14 - 80	10 - 90
Pulse Frequency	Hz	0.5 - 165	1 - 200
Back Ground Current	AMPS	20 - 250	20 - 400
Protection	CLASS	IP21S	
Insulation	CLASS	H	
Cooling	TYPE	FAN, AIR FORCED	
Dimension (L X W X H)	mm	415 x 240 x 375	655 x 325 x 670
Weight	Kg	15	19
Package Information			
Standard Power Source			
Tig Torch with Accessories			
Earth Cable with Earth Clamp & Gas Hose with End Connectors			

Warranty: One Year

In view of continuous development, Praxair India Private Limited reserves the right to modify / change the design and / or specification without any prior notice.



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