



PROSTICK 250/400



STICK / TIG Welding Power Source

Industrial Applications:

Power Plant
Petrochemical
Shipbuilding
Maintenance & Repair

Processes:

Stick:(MMAW)
TIG (GTAW) lift

Input Power: 3 Phase

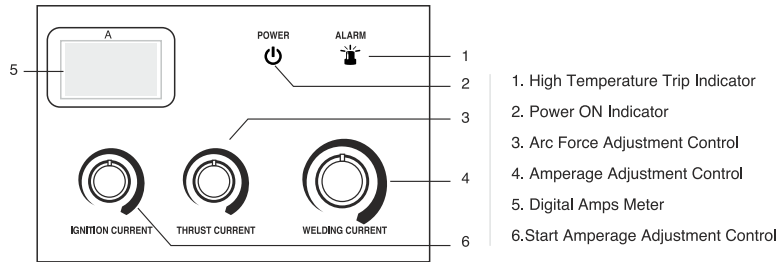
	250	400
Amperage Range:	30-250	40-400
Weight:	15 kg	19 kg



Features Description

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

Control Panel



Package



Main Specification

ITEM		PROSTICK 250	PROSTICK 400
Input Supply			
Voltage	VOLTS	415, ±15%	
Phase	NO.	3	
Frequency	Hz	50 / 60	
Power @ 60% Duty Cycle	Kva	9.4	19
Power Factor	COSφ	0.99	
Efficiency	%μ	81	77
Output Power			
Open Circuit Voltage	VOLTS	70	76
Welding Current Range	AMPS	30-250	40-400
Welding Current (at 40°C & 10 Min)			
At 60% Duty Cycle	AMPS	191	400
At 100% Duty Cycle	AMPS	148	310
General			
Suitable for Electrode Size	mm φ	1.6, 2.4, 3.2 & 4.0	1.6, 2.4, 3.2, 4.0 & 5.0
ARC Force Setting		Adjustable by Potentiometer	
Hot Start Setting		Adjustable by Potentiometer	
Protection	CLASS	IP21S	
Insulation	CLASS	H	
Cooling	TYPE	FAN, AIR FORCED	
Dimension (L X W X H)	mm	480 x 240 x 425	475 x 240 x 440
Weight	Kg	15	19
Package Information			
Standard Power Source			
Weld Cable With Electrode Holder			
Earth Cable With Earth Clamp			

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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