

Applications ✓

- Heavy fabrication
- Plant construction
- Pressure vessels
- Nuclear power station
- Shipbuilding
- Hardfacing
- Process industry

Control Panel ✓



KEY BENEFITS

- TIG Mode**-Possibility of welding with TIG mode.
- Extra function**-Adjustable Hot Start/Arc Force, Anti-sticking automatic.
- Digital display**-Digital control of all the welding parameters, Easy to understand graphic panels.
- Protections**-Equipped with temperature, voltage and current sensors for high protection.
- Electrodes diameter**-from 1.6 to 5.0mm.



When you have a wrong grid voltage, the machine will stop work immediately and the key core will be protected from damage especially the IGBT.



Smart FAN-Reduce power consumption and the intake of dust and fumes.



Excellent performance on 60% electrodes.



Generator Friendly-Suitable for use with generators.



Standard 1-230V 50/60Hz power supply.



When the "V.R.D" mode on the output voltage only 14.5V, it's absolutely safe for welders.



440V Tested In Production



Heavy Duty Cycle 60%



Digital control system-the welding parameter can be control more easier and more precise.

**PERFECT
IGNITION
RESPONSE**

/ No sticking
/ No arc break

Professional welder built for tough working conditions

Plus-Stick 250-1 (CEL)



TECHNICAL DATA (subject to change without notice.)

	Plus-Stick 250-1		Plus-Stick 250-1 (CEL)	
Power Supply Voltage	1-230		1-230	
Grid frequency	50/60Hz		50/60Hz	
Effective Current	MMA 16 A	LIFT 12 A	MMA 16 A	LIFT 12 A
Rated Input Power	8.5kVA	6.3kVA	8.5kVA	6.3kVA
Rated Input Current	20 A	16 A	20 A	16 A
Duty Cycle(40°C 10min)	60% 250 A		60% 250 A	
	100% 200A		100% 200A	
No Load Voltage	64		90	
WELDING CURRENT RANGE	10 – 250A		10 – 250A	
Efficiency	85%		85%	
Power Factor	0.70		0.70	
Insulation class	H		H	
Protection class	IP 23		IP 23	
Cooling	AF		AF	
Dimensions l x w x h	290 x 135 x 220mm		290 x 135 x 220mm	
Weight	4.5 kg		4.5 kg	
Electrode Diameter	φ 1.6-5.0		φ 1.6-5.0	
Electrode type	6013 7018		6013 7018	