

Applications ✓

- Light industry
- Motorsports
- Maintenance and repair
- Process and food industry
- Intervention service

Control Panel ✓



**PERFECT
IGNITION
RESPONSE**
/ ARC stable
/ ARC focused

Precise, accurate, infinite amperage control and heat output

Pro-GTAW 250P-1 (CEL)



KEY BENEFITS

- **TIG Mode**-Possibility of welding Lift TIG mode.
- **Extra function**-Adjustable Hot Start/Arc Force, Anti-sticking automatic.
- **Weight**-Reduced weight and size, easy-to-carry.
- **Protections**-Equipped with temperature, voltage and current sensors for high protections.



**Rotenometer Remote
Control Torch**



**Up/Down Remote
Control Torch**



Foot control contractor
on/off and current control with
8-pin male plug and any length
cable or wireless control .



HF Easy ARC Striking



Pulse



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



Generator Friendly-
Suitable for use with
generators .



440V Tested In Production



IGBT Module



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



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



Heavy Duty Cycle 60%



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** .

TECHNICAL DATA (subject to change without notice.)

	Pro-GTAW 250P-1		Pro-GTAW 250P-1 (CEL)	
Power Supply Voltage	1-230		1-230	
Grid frequency	50/60Hz		50/60Hz	
Effective Current	TIG 25.3 A	MMA 3.5 A	TIG 25 A	MMA 3.3 A
Rated Input Power	6.0kVA	8.6kVA	6.0kVA	8.6kVA
Rated Input Current	40 A	53 A	40 A	52 A
Duty Cycle(40°C 10min)	60% 250 A		60% 250 A	
	100% 195 A		100% 195 A	
No Load Voltage	70		90	
WELDING CURRENT RANGE	5-250A		5-250A	
Efficiency	85%		85%	
Up/Down Slope	0-10		0-10	
Pre/Post Flow	0-2/0-10		0-2/0-10	
Pulse Fre.	0.5-250		0.5-250	
Pulse Width Range	5%-95%		5%-95%	
Power Factor	0.75		0.75	
Insulation class	H		H	
Protection class	IP 23		IP 23	
Cooling	AF		AF	
Dimensions l x w x h	457 x 189 x 350mm		457 x 189 x 350mm	
Weight	10.5 kg		10.5 kg	
Electrode type	6013 7018		6013 7018	