

Applications ✓

KEY BENEFITS

- Heavy industrial applications
- Industrial plants
- Maintenance and repair
- Pipe construction
- Process and food industry
- Metal construction
- Aerospace industry
- Chemical industry
- Nuclear industry
- Aluminium solutions

Excellent LCD display ✓



PERFECT IGNITION RESPONSE

/ ARC stable
/ ARC focused

Excellent HF arc ignition; stable, focused and fast arc

Pro-GTAW 320P/400P/500P AC/DC LCD



- AC Balance Control**-AC balance control monitors the oxide and helps better cleaning during aluminum welding.
- Waveforms**-Square wave, sine wave, are selectable.
- Protections**-Equipped with temperature, voltage and current sensors for high protection.
- Water Coolers and Cart available.**



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.



Rotentiometer 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.



550V Tested In Production



IGBT Module



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



Standard tripple phase
3-400V 50/60Hz power supply.



Heavy Duty Cycle 60%

TECHNICAL DATA (subject to change without notice.)

	Pro-GTAW 320P AC/DC LCD		Pro-GTAW 400P AC/DC LCD		Pro-GTAW 500P AC/DC LCD			
Power Supply Voltage	3-400		3-400		3-400			
	TIG	MMA	TIG	MMA	TIG	MMA	TIG	MMA
Rated Input Power	9kVA	13kVA	13kVA	17kVA	18.8kVA	25kVA	18.8kVA	25kVA
Effective Current	14 A	18.5 A	19 A	25 A	32(DC/TIG)	39(AC/TIG)	37(DC/MMA)	34(AC/MMA)
Rated Input Current	18 A	24 A	25 A	32 A	41(DC/TIG)	37(AC/TIG)	48(DC/MMA)	44(AC/MMA)
Duty Cycle(40°C 10min)	60% 320 A		60% 400 A		60% 500 A			
	100% 250 A		100% 310 A		100% 390 A			
WELDING CURRENT RANGE	10-320 A		10-400 A		50-200 A			
Frequency	50/60Hz		50/60Hz		50/60Hz			
No Load Voltage	67		67		78			
Efficiency	85%		85%		85%			
Up/Down Slope	0-10		0-10		0-10			
Pre/Post Flow	0-2/0-10		0-2/0-10		0-2/0-10			
Pulse Freq.	0.5-250		0.5-250		0.5-250			
Pulse Width Range	5%-95%		5%-95%		5%-95%			
Clearance effect(AC TIG)	15-50		15-50		15-50			
AC Frequency(Hz)	5-250		5-250		5-250			
Insulation class	H		H		H			
Protection class	IP 23		IP 23		IP 23			
Cooling	AF		AF		AF			
Dimensions l x w x h	550 x 240 x 445mm		550 x 240 x 445mm		550 x 280 x 485mm			
Weight	25.5 kg		27.0 kg		30.0 kg			
Electrode type	6013 7018		6013 7018		6013 7018			