

# EXPAT-2000i AC/DCP

## Welder



EXPAT - 2000i AC/DCP is digital models with high end MCU technology, suitable for both automatic application and manual welding. It offers multiple parameters adjustment to ensure perfect welding for stainless steel (DC) welding and Aluminum (AC) welding.

### FEATURES AND BENEFITS »

- Portable digital AC/DC TIG machine, high efficient inverter technology
- Perfect welding quality on heat-sensitive material and aluminum
- Controlled AC wave, including balance, AC frequency
- Fully controlled pulse wave, including pulse duty cycle, base current and high speed pulse frequency
- Multi controllable parameters, like pre-gas, post-gas, up-slope down-slope, initial current and final current
- HF and lift arc ignition, outstanding arc starting performance
- 2 /4T trigger mode, suitable for long /short welding seam
- Fast dynamic response, good arc characteristic
- PFC module, reduce harmonic wave input, improve power source efficiency, meet needs of 16A input (PFC model ONLY)
- Job channels are available

### PROCESSES »

DC TIG /MMA  
/DC Pulsed TIG /AC TIG

### STANDARD EQUIPMENTS »

- 200 Amps Power Source
- Argon Regulator with Hose
- Air cooled GTAW - HF torch
- 3 Meter Earth Set

**TECHNICAL SPECIFICATION**

		EXPAT-2000i AC/DCP
Rated input voltage/frequency (Hz)		1 phase, 230V±10%, 60Hz
Rated input capacity (KVA)		5.7
Rated input current (A)		25
Duty cycle (40°C)		35%@210A
OCV (V)		60
MMA	Output current (A)	10-170
	Arc force (A)	0-100
	Hot start (A)	0-100
TIG	Output current (A)	3-210
	Pre-gas /post-gas (s)	0.1-9.99 /0.1-60
	Initial /final current (A)	3-210 /3-210
	Up-slope /down-slope time (s)	0-10 /0-15
	Peak current (A)	3-210
	Base current (A)	3-210
	Pulse frequency (Hz)	DC: 0.2-500/ AC: 0.2-20
	Pulse duty cycle	5-95%
	AC frequency (Hz)	10-250
	AC balance	-40%±40%
Trigger mode		2 /4T, Spot, Repeat
Arc ignition method		HF /Lift
Protection class		IP21S
Insulation class		F
Dimension (mm)		430*160*300
Weight (kg /lb)		11.5 /25.2