

EXPAT-4000i DCP-PRO WC

Welder



EXPAT - 4000i DCP-PRO is digital DC pulse TIG models with MCU technology, suitable for both automation application and manual welding. DC pulse function minimize the heat input for thin materials and provide a faster freezing for uphill welding.

FEATURES AND BENEFITS »

- Can remotely control current
- TIG: can select HF and scratching arc starting methods, have short welding, long welding, spot welding and repeat welding
- Pulse: adjustable base current, peak current, pulse frequency
- MMA: adjustable arc-starting current, arc force current, easy arc starting
- All parameters can be precisely adjusted in real time
- Widely used for nuclear power installation, pipe installation, shipbuilding, high pressure container, etc
- Suitable for stainless steel, carbon steel, copper, titanium welding

PROCESSES »

DCTIG/MMA
/DC Pulsed TIG

STANDARD EQUIPMENTS »

- 1 Power source
- 1 Connected primary cable L=3m
- 1 Welding cable L=3m with electrode holder and quick plug
- 1 Ground cable L=3m with clamp and quick plug
- 1 Water-cooled TIG torch L=8m
- 1 Water cooling machine
- 1 Trolley
- 1 Remote controller with 8m cable

TECHNICAL SPECIFICATION

Model		EXPAT - 4000i DCP-PRO
Rated input voltage/frequency		3 phase, 415V±10%, 50Hz
(Hz) Rated input capacity (KVA)		17.8
Rated input current (A)		25
Duty cycle (40C)		60%@400A
OCV(V)		71
MMA	Output current (A)	5-400
	Arc force (A)	10-200
TIG	Hot start (A)	20-160
	Output current (A)	5-400
	Pre-gas /post gas (s)	0.1-9.99/0.1-60
	Initial /final current (A)	10-160 /5-400
	Up-slope /down-slope (s)	0.1-10 /0.1-15
	Peak current (A)	5-400
	Base current (A)	5-400
	Pulse frequency (Hz)	0.2-20
	Pulse duty cycle	15%-85%
	Trigger mode	2/4T
	Arc ignition method	HF
Protection class		IP21S
Insulation class		H
Dimension (mm)		655*324*546
Weight (kg /lb)		42 /93