

MULTI PROCESS

● Heavy Industrial

MULTIPROCESS 5001V

Multiprocess 5000 Series- The Multiprocess 5000 is a powerful 400-Amps welding machine, capable of Stick welding, MIG welding, or TIG welding with a lift start. It's robust design and 100% duty cycle make this an ideal all-around work horse for all medium to heavy-duty applications.

FEATURES

- Specially designed for tough conditions.
- Heavy-duty, reliable with a robust design.
- High power at 100% duty cycle, tested in 104°F/40°C and 140°F/60°C.
- Excellent design characteristics ensure high welding quality, precise arc striking and highly stable arc.
- Fully encapsulated PCB to avoid dust contamination.
- Automatic compensation for main power fluctuations within $\pm 20\%$.
- Electronic continuous control of inductance.
- Excellent CC/CV characteristics ensure high quality and trouble-free welding.
- Exceptional welding characteristics in MIG/MAG, Flux-cored and Stick welding (MMA).
- User friendly parameter settings.
- Initial and final crater control.
- Comprehensive 3 Year Warranty.



PROCESSES



GMAW - SOLID WIRE
FCAW - FLUX - CORE WIRE

MIG



GTAW (DC) - SCRATCH / LIFT START

TIG



SMAW

STICK



GOUGING

GOUGING

MULTIPROCESS 5001V Technical Specification

MULTIPROCESS 5001V			
Process	MIG	Stick Electrode	TIG
Input Voltage Range (Three Phase, 50/60 Hz)	(440/460/480 V) $\pm 10\%$		
* (Three Phase 230 /400/ 440 V as option)	Parameters In 460 V $\pm 10\%$:		
Primary Current@Max Welding Current	26 A	25.5 A	19.5 A
Maximum Primary Effective Current (I1 eff max)	20 A	22 A	18.5 A
Welding Current Range	30 - 400 A	20 - 400 A	20 - 400 A
Duty Cycle @ Maximum Welding Current in 104° F (40° C)	50% (400 A)	55% (400 A)	60% (400 A)
Welding Current @ 100% Duty Cycle in 104° F (40° C)	340 A @ 100%	350 A @ 100%	370 A @ 100%
Welding Current @ 60% Duty Cycle in 104° F (40° C)	370 A @ 60%	380 A @ 60%	400 A @ 60%
Open Circuit Voltage : Volt	72 V DC	72V DC (23V VRD)	72V DC (23V VRD)
Output Voltage Range	15.5-34 V	20.8-36 V	10.8-26 V
Weight : lb (Kg)	124 lb (56.5Kg)		
Dimensions Including Handle (D,W,H) : inch (mm)	24.8 x 12.2 x 26 inch (630 x 310 x 665 mm)		

CANAWELD RESERVES THE RIGHTS OF CHANGING THE SPECIFICATION WITHOUT NOTICE



What Is Included

MULTIPROCESS 5001V

ITEM	PART NO.	
Multiprocess 5001V	PLC5180675	
Ground Clamp Set (500 A - 10 ft), AWG 1	ALP1980453	
Electrode Holder Set (500 A - 10 ft), AWG 1	ALP2280098	
MIG Torch Panasonic® Style (500 A - 4m)	CWGPGPN500A-40E-42	
Regulator	CW-RMV-250-30LM-AR	
MIG Wire Feeder 4041	CWF4041	
Welder Cart For Three Phase Machines	TGJ2250683	
MIG Drive Roll (0.8-1.0 mm V Groove)	SET0810V	
MIG Drive Roll (0.9-1.1 mm V Groove)	SET0911V	
MIG Drive Roll (0.9-1.1 mm Knurl)	SET0911K	
MIG Torch Tweco® Style Consumable Kits	ALPCON5001	

OPTIONAL ACCESSORIES

PRODUCT	PART NO.		PRODUCT	PART NO.	
Ground Clamp Set (500 A - 10 ft), AWG 2	ALP2280503		TIG Torch Air Cooled (26 SERIES)	CWGS26VFX-SL-12-SL-GS4	
Ground Clamp Set (500 A - 20 ft), AWG 1	ALP1980455		Interconnection cable	TGD4980592	
Ground Clamp Set (500 A - 20 ft), AWG 2	ALP2280504		Superior True-View Welding Helmet Series	CWPOWER-990T-BLK	
Electrode Holder Set (500 A - 10 ft), AWG 2	ALP2280097		Classic Duty Welding Helmet Series	CWELITE-550S-BLK	
Electrode Holder Set (500 A - 20 ft), AWG 1	ALP2280100		Premium All-Function Welding Helmet Series	CWPOWER-980S-BLK	
Electrode Holder Set (500 A - 20 ft), AWG 2	ALP2280101		Premium All-Function Welding Helmet Series	CWPOWER-980S-CO	