

● **Heavy Industrial**

**MULTIPROCESS 5001V**





The **Multiprocess 5000** is a powerful 400-Amps welding machine, capable of Stick welding, MIG welding, Flux cored 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 ± 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 parameters settings.
- Initial and final crater control.
- Comprehensive 4 Year Warranty.



## PROCESSES

-  **GMAW - SOLID WIRE**  
FCAW - FLUX - CORE WIRE
-  **GTAW (DC) - SCRATCH / LIFT START**
-  **SMAW**
-  **GOUGING**

### MULTIPROCESS 5001V Technical Specification





Process	MULTIPROCESS 5001V		
	MIG	Stick Electrode	TIG
Input Voltage Range (Three Phase, 50/60 Hz)	( 440/460/480 V ) ±10%		
* (Three Phase 230 /400/ 440 V as option)	Parameters In 460 V±10% :		
Primary Current@Max Welding Current	23 A	25.5 A	19.5 A
Maximum Primary Effective Current (I1 eff max)	21 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)	55% (400 A)	55% (400 A)	60% (400 A)
Welding Current @ 100% Duty Cycle in 104° F (40° C)	350 A @ 100%	350 A @ 100%	370 A @ 100%
Welding Current @ 60% Duty Cycle in 104° F (40° C)	380 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(390-460A- 10ft.),AWG2/0	ALP2280503	
Electrode Holder Set(390-460A-10ft.),AWG2/0	ALP2280097	
MIG Torch Tweco® Style M400 TE (400 A -15 ft.)	CWGPGTW400-15E	
Argon/CO2 Regulator	CW-RMV-250-30LM-AR	
MIG Wire Feeder 4041	CWF4041	
Welder Cart For Three Phase Machines	TGJ2250683	
MIG Drive Rolls (0.8-1.0 mm V Groove) ( Hard Wire)	SET0810V	
MIG Drive Rolls (0.9-1.2 mm V Groove) ( Hard Wire)	SET0911V	
MIG Drive Rolls (0.9-1.2 mm K ) ( Knurled)	SET0911K	
MIG Gun Panasonic® Style Consumable Kits	ALPCON5001	

### OPTIONAL ACCESSORIES

PRODUCT	PART NO.		PRODUCT	PART NO.	
Electrode Holder Set 390-460A,20ft. Welding Cable	ALP2280101		TIG Torch 200 AMP Gas Valve Air Cooled(26 SERIES)	CWSG26VFX-SL-12-SL-GS4	
Electrode Holder Set 390-460A,30ft. Welding Cable	ALP2280202		Wirefeeder/Power Source Interconnection Cable	TGD4980594	
Electrode Holder Set 390-460A,50ft. Welding Cable	ALP2280303		C9 Black (Series Helmets)	CWPOWER-990T-BLK	
Ground Clamp Set 390-460A, 20ft. Welding Cable	ALP2280504		C5 Black (Series Helmets)	CWELITE-550S-BLK	
Ground Clamp Set 390-460A, 30ft. Welding Cable	ALP2280515		C8 Black (Series Helmets)	CWPOWER-980S-BLK	
Ground Clamp Set 390-460A, 40ft. Welding Cable	ALP2280516		C8 Coal Fire (Series Helmets)	CWPOWER-980S-CO	