

MULTI PROCESS

● Medium Industrial ● Heavy Industrial

MULTIPROCESS 4001VC

Multiprocess 4000 Series – The Multiprocess 4000 is a powerful 400-Amp welding machine, capable of Stick welding, MIG welding, or TIG welding with a lift start. Its robust design and high duty cycle make this an ideal all-around workhorse for all medium to heavy-duty applications.

FEATURES

- Specially designed for tough condition.
- Heavy-duty, robust design and reliable.
- High power at 100% duty cycle, tested in 104°F/40°C and 140°F/60°C.
- Excellent design characteristics ensures 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 characteristic ensures 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 3 Year Warranty.



PROCESSES



GMAW - SOLID WIRE
FCAW - FLUX - CORE WIRE



GTAW (DC) - SCRATCH / LIFT START



SMAW



STICK

MULTIPROCESS 4001VC Technical Specification

MULTIPROCESS 4001VC			
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	24 A	23 A	18 A
Maximum Primary Effective Current (I1 eff max)	22 A	23 A	18 A
Welding Current Range	30 - 400 A	20 - 360 A	20 - 360 A
Duty Cycle @ Maximum Welding Current in 104° F (40° C)	60% (400 A)	100% (360 A)	100% (360 A)
Welding Current @ 100% Duty Cycle in 104° F (40° C)	360 A @ 100%	360 A@ 100%	360 A@ 100%
Welding Current @ 60% Duty Cycle in 104° F (40° C)	400 A @ 60%	-	-
Open Circuit Voltage : Volt	78V DC	78V DC (27V VRD)	78V DC (27V VRD)
Output Voltage Range	15.5 - 34 V	20.8 - 34.4 V	10.8 - 24.4 V
Weight : lb (Kg)	152 lb (69Kg)		
Dimensions Including Handle (D,W,H) : inch (mm)	33.8 x 12.2 x 32 inch (860 x 310 x 815 mm)		

CANAWELD RESERVES THE RIGHTS OF CHANGING THE SPECIFICATION WITHOUT NOTICE



What Is Included

MULTIPROCESS 4001VC

ITEM	PART NO.	
Multiprocess 4001VC	PLC4135702	
Ground Clamp Set (500 A - 10 ft), AWG 1	ALP1980453	
Electrode Holder Set (500 A - 10 ft), AWG 1	ALP2280098	
MIG Torch Tweco® Style (300 A - 12 ft)	CWGPWTW300-12E	
Regulator	CW-RMV-250-30LM-AR	
Gas Welding Hose	TLJ1080188	
MIG Drive Roll (0.030-0.035 Inch V Groove)	SET0810V	
MIG Drive Roll (0.030-0.040 Inch V Groove)	SET0911V	
MIG Torch Tweco® Style Consumable Kits	ALPCON4001	

OPTIONAL ACCESSORIES

PRODUCT	PART NO.		PRODUCT	PART NO.	
Ground Clamp Set (500 A - 10 ft), AWG 1	ALP1980453		TIG Torch Air Cooled (26 SERIES)	CWGS26VFX-SL-12-SL-GS4	
Ground Clamp Set (350 A - 20 ft), AWG 2	ALP1980454		Gas Inlet	CGA3180121	
Ground Clamp Set (500 A - 20 ft), AWG 1	ALP1980455		Superior True-View Welding Helmet Series	CWPOWER-990T-BLK	
Electrode Holder Set (300 A - 20 ft), AWG 2	ALP2280473		Classic Duty Welding Helmet Series	CWELITE-550S-BLK	
Electrode Holder Set (500 A - 10 ft), AWG 1	ALP2280098		Premium All-Function Welding Helmet Series	CWPOWER-980S-BLK	
Electrode Holder Set (500 A - 20 ft), AWG 1	ALP2280100		Premium All-Function Welding Helmet Series	CWPOWER-980S-CO	