

The **Multiprocess 1601** is a very light and portable but unbelievably powerful and intelligent welding machine specially designed for the novice to a professional production welder who has speed and quality in mind.

This unit is capable of MIG welding, Flux cored welding, stick welding and TIG welding with a lift start in manual or synergic mode.

The synergic control of welding parameters makes this unit user-friendly for less experienced welders looking to perform high quality welds.

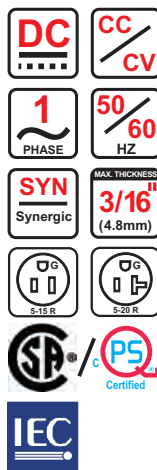
It features a user-friendly panel which walks the user through setup one step at a time and then automatically adjusts its parameters to meet the required use. It's like having your own personal welding expert right there with you!

The voltage of this unit is 115 V (±15%) which makes it suitable for single voltage electrical network.

The **Multiprocess 1601** is capable of welding with Canaweld's spool gun which ensures trouble-free Aluminum MIG welding too by utilizing a suitable spool gun.

FEATURES

- Possibility of Welding Processes MIG, Flux Cored, Gasless Wires, TIG, Stick Welding .
- Tested in (104°F/40°C), Designed for Toughest Conditions .
- Digital control of the welding parameters based on the material or gas type and the wire diameter.
- polarity changeover feature for most common gas and gasless wires and Lift TIG Arc start.
- Replaceable Double groove rolls, no tools needed.
- "Energy Saving" function to operate the power source cooling fan when necessary.
- Spool Gun Compatible.
- Adjustable Voltage, Wire Speed, Wave Form, Burn back (in MIG Process).
- Possibility of Selection of Material, Wire Diameter, 2T/4T (in MIG Process).
- Working possibility with 8 inch (203 mm) Wire Spool Size.
- Metal face panel.
- Comprehensive 4 Year Warranty.



PROCESSES



GMAW - SOLID WIRE
FCAW - FLUX - CORE WIRE



GTAW (DC) - SCRATCH / LIFT START



SMAW



SYNERGIC

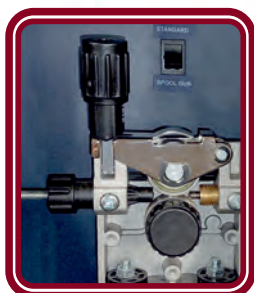
MULTI PROCESS 1601 Technical Specification

Process	MIG/ Flux Cored	TIG (Lift ARC)	Stick Electrode	MIG/ Flux Cored	TIG (Lift ARC)	Stick Electrode
Input Voltage, Single Phase, 50/60 Hz	105 to 120 V(±10%)					
Primary Current @ Rated Welding Current	26 A	25A	29 A	20A	20A	19.5A
Maximum Primary Effective Current (I1 eff max)	20A			15A		
Technology of Adjustment (Maual / Synergic)	Manual or Synergic					
Welding Current Range	30 - 140 A	10 - 120 A	10 - 120 A	30 - 140 A	10 - 120 A	10 - 120 A
Welding Current @ 100% Duty Cycle at 104° F (40° C)	70 A	80 A	60 A	55 A	60 A	45 A
Welding Current @ 60% Duty Cycle at 104° F (40° C)	90 A	100 A	80 A	70 A	80 A	55 A
Open Circuit Voltage : Volt	61 V (Optional VRD 21 v)					
Solid Steel Wire Size Range : inch (mm)	0.023 - 0.035 in (0.6 - 0.9 mm)					
Stainless steel Wire Size Range : inch (mm)	0.023 - 0.035 in (0.6 - 0.9 mm)					
Flux-cored Wire Size Range : inch (mm)	0.030 - 0.035 in (0.8 - 0.9 mm)					
Aluminum Wire Size Range : inch (mm)	0.030 - 0.035 in (0.8 - 0.9 mm)					
Max Wire Feeder speed : ipm (m/min)	400 ipm (10 m/min)					
Wire Feeder Mechanism Material	Metal					
Wire Spool Size : inch (mm)	8 inch (203 mm)					
Weight : lb. (Kg)	19 lb. (8.5 Kg)					
Dimensions Including Handle (D,W,H) : inch (mm)	16.9 x 8.8 x 11.8 inch (430 x 225 x 300 mm)					
All electrical values are measured in 120 VAC input voltage						
CANAWELD RESERVES THE RIGHTS OF CHANGING THE SPECIFICATION WITHOUT NOTICE						

Available Models :

Multi process 1601 , Silver (PLC7580170)
Including MIG Gun Torch



Multi process 1601 , Gold (PLC7580171)
Including MIG Gun, TIG Torch, TIG Accessories and TIG Tungsten



Full Metal Wire-Feeder

What Is Included

MULTI PROCESS 1601 (SILVER PACKAGE)














ITEM	PART NO.	
Multi Process 1601	PLC7580170	
Ground Clamp Set (215 A-10ft) 16mm ²	ALP1980701	
Electrode Holder Set (215 A-10ft) 16mm ²	ALP2280023	
Gas Welding Hose	TLJ1080188	
Argon/CO ² Regulator	CW-RLV-150-60CF-AR	
Adaptor 20A-15A	CGA9980063	
Drive Roll (0.023-0.030 inch V Groove)	TGL0480463	
Drive Roll (0.030-0.035 inch K Groove)	TGL0480464	
MIG GUN 141	CWMIG-141-E	
MIG Consumable Kit	ALPCON1601	
Canaweld Bag	TGJ2780145	

Upgrade to "Gold" and get additional :

* TIG Torch 200 AMP Air Cooled (26 Series)	CWSG26VFX-SL-12-SL-GS4	
* Welding Cable Adaptor 35-70/10-25	CGA9980070	
TIG Consumable Kit	ALPTORCHCON26	
TIG Tungsten Electrode MIX of 6	CTE500-RGB-116332	

*** Must be purchased together**

OPTIONAL ACCESSORIES

PRODUCT	PART NO.		PRODUCT	PART NO.	
Welder Cart For Single Phase Machines	TGJ2250681		TIG Torch 200 AMP Air Cooled (26 Series)	CWSG26VFX-SL-12-SL-GS4	
Ground Clamp Set (215 A - 20 ft), 16mm ²	ALP1980702		TIG Consumable Kit	ALPTORCHCON26	
Ground Clamp Set (215 A - 30 ft), 16mm ²	ALP1980703		Gas Fitting	CGA3180121	
Ground Clamp Set (215 A - 50 ft), 16mm ²	ALP1980704		C9 Black (Series Helmets)	CWPOWER-990T-BLK	
Electrode Holder Set (215 A - 20 ft), AWG 4	ALP2280024		C5 Black (Series Helmets)	CWELITE-550S-BLK	
Electrode Holder Set (215 A - 30 ft), AWG 4	ALP2280025		C8 Black (Series Helmets)	CWPOWER-980S-BLK	
Electrode Holder Set (215 A - 50 ft), AWG 4	ALP2280026		C8 Coal Fire (Series Helmets)	CWPOWER-980S-CO	