

# TIG AC/DC WELDER

● Medium Industrial ● Heavy Industrial

TIG AC/DC 301 PULSE

AIR-COOLED/LIQUID-COOLED

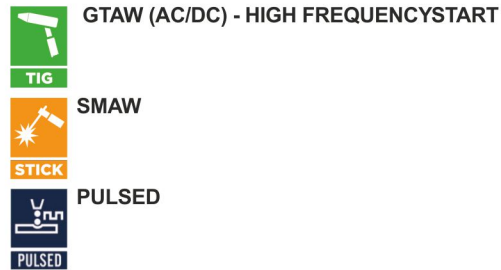
**TIG AC/DC 301 PULSE** – The TIG AC/DC 301 Pulse is a powerful and intelligent welding machine. This unit is capable of either AC or DC TIG welding (stainless, mild steel or aluminum) or Stick welding. The AC/DC 301 Pulse has advanced TIG welding parameters that allow the user to fine-tune the TIG welding process to meet a variety of applications. This combination of a high duty cycle and an easy to use interface make it the perfect choice for production TIG welders who demand the best all day, every day.

## FEATURES

- Compact and innovative design.
- Shock-proof fiber compound front panel.
- Control panel protection against accidental impact.
- Robust handle integrated into the chassis.
- Reduced weight and size, easy to carry.
- Digital control of all the welding parameters.
- Equipped with pulse mode integrated into the control panel with available “Easy Pulse” function.
- Excellent TIG welding characteristics.
- High frequency arc striking when using extra-long leads.
- Automatic compensation for main power fluctuations within  $\pm 20\%$ .
- Excellent MMA welding characteristics with any type of rods.
- Low energy consumption.
- Use of special TIG torches remotely controls the welding parameters directly from the torch.
- Optional software customization as an extra feature.
- Comprehensive 3 Year Warranty.



## PROCESSES



### TIG AC/DC 301 PULSE Technical Specification

Three phase input 50/60 Hz (V)	(400-480V) $\pm 10\%$ (575V Optional)
Input power 50/60 Hz (KVA)	9.6 KVA
Delayed Fuse (I2 @ 100%) (A)	10 A
Power factor / cos	0.95/0.99
Efficiency Degree	0.76
Current range	5 - 300 A
Welding Current @ 100% Duty Cycle in 104° F (40° C)	210 A
Welding Current @ 60% Duty Cycle in 104° F (40° C)	250 A
Welding Current @ 35% Duty Cycle in 104° F (40° C)	300 A
Facility of software customization	Yes
Weight : lb (Kg)	41.9 lb (19 kg)
Dimensions Including Handle (D,W,H) : inch (mm)	19.49 x 7.4 x 15.4 inch (495 x 190 x 390 mm)

CANAWELD RESERVES THE RIGHTS OF CHANGING THE SPECIFICATION WITHOUT NOTICE








### Available Model :

TIG AC/DC 301 PULSE (CW004537A)












### What Is Included

#### TIG AC/DC 301 PULSE

ITEM	PART NO.	
TIG AC/DC 301 PULSE	CW004537-A	
Ground Clamp Set (250 A - 50 ft), AWG 4	ALP2280505	
Electrode Holder Set (300 A - 10 ft), AWG 2	ALP2280099	
TIG Torch Water Cooled (18 SERIES)	CWSG18SC-S1-12-4M	
Regulator	CWFM-250-60CF-AR	
Gas Welding Hose	TLJ1080191	
TIG Consumable Kit	ALPTORCHCON18	

### OPTIONAL ACCESSORIES

PRODUCT	PART NO.		PRODUCT	PART NO.	
Ground Clamp Set (350 A - 20 ft), AWG 2	ALP1980454		Welder Cart VT 100	CW234925	
Electrode Holder Set (300 A - 20 ft), AWG 2	ALP2280473		Superior True-View Welding Helmet Series	CWPOWER-990T-BLK	
TIG Torch Water Cooled (18 SERIES)	CWSG18SC-S1-25-8M		Classic Duty Welding Helmet Series	CWELITE-550S-BLK	
TIG Consumable Kit	ALPTORCHCON26		Premium All-Function Welding Helmet Series	CWPOWER-980S-BLK	
Cooling Unit	CW032061A		Premium All-Function Welding Helmet Series	CWPOWER-980S-CO	