

# TIG AC/DC WELDER

● Light Industrial

● Medium Industrial

TIG AC/DC 201 Pulse-D

**TIG AC/DC 201 PULSE D** – The TIG AC/DC 201 Pulse D is a powerful, portable and versatile welding machine. This unit is capable of either AC or DC TIG welding (stainless, mild steel and aluminum) or Stick welding. The pulse features of this machine combined with the HF start makes it the ideal choice for welders looking to perform high quality TIG welding on very thin materials with no distortion.

## FEATURES

- AC/DC including all pulse parameters of TIG welding machine.
- Tested in 104°F/40°C, designed for the toughest conditions.
- Excellent for quality welding of aluminum, stainless steel and other materials.
- Ability to weld very thin materials especially aluminum.
- Digital control of all welding parameters: Pre-Flow, Starting Current, Slope-Up, Welding Current, Base Current, Pulse Duration, Pulse Frequency, Slope-Down, Crater Arc Current, Post Flow, AC Frequency, AC Balance Low Energy Consumption.
- Generator compatible design.
- Excellent welding characteristics in Stick mode with the most common rod in the market.
- Digital ammeter and Hold Function of the last read value.
- Automatic fan ensuring protection against overheating, saving energy and less dust and debris entering the machine.
- Adjustable Arc Force in Stick mode.
- Capable of running off of a 240V (+10% - 15%) or 120V (+10% - 15%) power supply.
- Metal face panel.
- Comprehensive 3 Year Warranty.



## PROCESSES



GTAW (AC/DC) - HIGH FREQUENCY START



SMAW



GMAW

GMAW (Pulse)

### TIG AC/DC 201 Pulse-D Technical Specification

Process		TIG		Stick Electrode	
Input Voltage, Single Phase, 50/60 Hz		208 to 240 V(±10%)		105 to 120 V(±10%)	
Primary Current@Max Welding Current	AC	20.6 A	23.8 A	25.7 A	26.7 A
	DC	22.3 A	26 A	28 A	27 A
Maximum Primary Effective Current (I1 eff max)	AC	15.3 A	17.3 A	19 A	21.3 A
	DC	11.3 A	15.6 A	21 A	19.1 A
Welding Current Range	AC	10 - 200 A	10 - 170 A	10 - 140 A	10 - 100 A
	DC	5 - 200 A	5 - 170 A	5 - 140 A	5 - 100 A
Welding Current and relatd Duty Cycle in 104° F (40° C)	AC	200 A, 30%	170 A, 40%	140 A, 40%	100 A, 40%
		170 A, 60%	140 A, 60%	120 A, 60%	90 A, 60%
		160 A, 100%	130 A, 100%	110 A, 100%	80 A, 100%
	DC	200 A, 20%	170 A, 20%	140 A, 35%	100 A, 35%
		130 A, 60%	120 A, 60%	120 A, 60%	80 A, 60%
		120 A, 100%	110 A, 100%	110 A, 100%	70 A, 100%
Duty Cycle @ Maximum Welding Current in 104° F (40° C)	AC	30%	40%	40%	40%
	DC	20%	20%	35%	35%
Welding Current @ 100% Duty Cycle in 104° F (40° C)	AC	160 A	130 A	110 A	80 A
	DC	110 A	110 A	110 A	70 A
Pulse Functions	AC	Pre Flow, Starting Current, Upslope, Welding current, Base current, Pulse Duration , Pulse frequency, Downslope, Crater arc current, Post Flow, AC Frequency, AC Balance			
Pulse Functions	DC	Pre Flow, Starting Current, Upslope, Welding current, Base current, Pulse Duration, Pulse frequency, Downslope, Crater arc current, Post Flow			
Weight : lb (Kg)		29 lb (13 kg)			
Dimensions Including Handle (D,W,H) : inch (mm)		20 x 7 x 13 inch (510 X 180 X 330 mm)			

CANAWELD RESERVES THE RIGHTS OF CHANGING THE SPECIFICATION WITHOUT NOTICE

### Available Model :

**TIG AC/DC 201 PULSE-D , Silver Package (PLC2380151)**  
Basic Model Without Foot Pedal

**TIG AC/DC 201 PULSE-D , Gold Package (PLC2380152)**  
Premium Model With Foot Pedal
















### What Is Included

#### TIG AC/DC 201 Pulse-D (Silver Package)

ITEM	PART NO.	
TIG AC/DC 201 Pulse-D	PLB2380151	
Ground Clamp Set (250 A - 10 ft), AWG 4	ALP1980449	
Electrode Holder Set (250 A - 10 ft), AWG 4	ALP2280095	
TIG Torch Air Cooled (26 SERIES)	CWSG26FX-S1-12-SL-GS4-9Pin	
Regulator	CW-RLV-150-60CF-AR	
Gas Welding Hose	TLJ1080188	
Canaweld Bag	TGJ2780145	
TIG Consumable Kit	ALPTORCHCON26	
Adapter Plug 230-120V	CGA9980060	
TIG Tungsten Electrode MIX of 8	CTE500-RGBW-116332	
Shoulder Strap	CGA9980052	
<b>Upgrade to "Gold" and get additional :</b>		
Foot Pedal	TGJ2580470	

### OPTIONAL ACCESSORIES

PRODUCT	PART NO.		PRODUCT	PART NO.	
Ground Clamp Set (250 A - 20 ft), AWG 4	ALP1980448		Foot Pedal	TGJ2580470	
Ground Clamp Set (250 A - 30 ft), AWG 4	ALP1980451		Regulator	CW-RMV-250-30LM-AR	
Ground Clamp Set (250 A - 50 ft), AWG 4	ALP1980452		Gas Inlet	CGA3180121	
Electrode Holder Set (250 A - 20 ft), AWG 4	ALP2280449		Superior True-View Welding Helmet Series	CWPOWER-990T-BLK	
Electrode Holder Set (250 A - 30 ft), AWG 4	ALP2280470		Classic Duty Welding Helmet Series	CWELITE-550S-BLK	
Electrode Holder Set (250 A - 50 ft), AWG 4	ALP2280472		Premium All-Function Welding Helmet Series	CWPOWER-980S-BLK	
Welder Cart For Single Phase Machines	TGJ2250681		Premium All-Function Welding Helmet Series	CWPOWER-980S-CO	