

# PRO-WAVE® 185TSW



PROCESS		STICK	LIFT TIG	HF TIG	
Part Number	Rated Output @ Duty Cycle	Output Range		Dimensions (H x W x D)	Net Weight
10-3073 (208-230 V)	185 A / 17.4 V @ 30% 160 A / 26 V @ 40%	5 - 185 Amps		14.2" x 7.1" x 16.5" 360 x 180 x 420 (mm)	41.8 lbs. (19.0 kg)

The Thermal Arc® Pro-Wave® 185TSW series is an AC/DC TIG power supply offering the highest value and performance in a TIG welding power source. All functions and controls are easily set through robust, easy to use push button switches on the front panel. Each function is marked by a symbol and lighted LED that clearly marks which function is being adjusted. The 185TSW includes a digital AMP / Volt Meter, Gas Solenoid Valve, remote control capabilities, VRD (Voltage Reduction Device) circuit, Current Pulsing and Sloping with Repeat Function as standard features.



Pro-Wave® 185TSW  
Data Sheet #84-2220

The design of the 185TSW offers both AC/DC TIG welding and handles just about any job with the full range capability from 185 amps down to 5 amps. The 185TSW yields welds with superior purity and exceptionally clean appearance, as well as x-ray quality welds on all metals. Precise wave shaping allows the operator to control the cleaning, penetration, and heat input of any aluminum application.

## FEATURES

- Smart Logic® Capability  
Eliminates damage if the machine is accidentally installed to the improper voltage
- Push Button Control Panel  
Easy access to all functions and controls
- True Square Wave AC Output  
Provides AC TIG wave-shaping to control weld bead
- Pulse Mode (Standard)  
Fully Adjustable pulse parameters for precise control of weld shape
- TIG Modes (Slope Repeat and Spot)  
Control over the start and weld crater, repeatable weld cycle
- Remote Receptacle  
Allows remote devices to be connected for controlling amperage and output contactor
- Warning Code Circuitry  
Alerts operator of power supply abnormalities
- VRD Inside  
VRD (Voltage Reduction Device) reduces the OCV when the power supply is not in use, eliminates the need for add on voltage reducers, and has no effect on arc starting

## ACCESSORIES

STICK Kit, TIG Kit, Dinse Connector, Adapter, Hand Held Pendant, Foot Control, 8 Pin Extension Cable, 8 Pin Torch Switch

## APPROVALS

IEC 974-1, IP23S

TIG (GTAW)