

# PRO-WAVE® 300TSW



TIG (GTAW)

PROCESS	STICK	LIFT TIG	HF TIG	
<b>Part Number</b>	<b>Rated Output @ Duty Cycle</b>		<b>Output Range</b>	<b>Dimensions (H x W x D)</b>
10-3074 (208-230 / 460 V)	300 A / 32 V @ 25% (208-230/460V, 3 ph) 250 A / 30 V @ 40% (208-230/460V, 3 ph) 300 A / 32 V @ 25% (208-230V, 1 ph) 250 A / 29 V @ 60% (208-230V, 1 ph)		5 - 300 Amps	16.5" x 8.3" x 17.7" 420 x 210 x 450 (mm)
				<b>Net Weight</b>
				63.9 lbs. (29.0 kg)

The Thermal Arc® Pro-Wave® 300TSW 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.



Pro-Wave® 300TSW  
Data Sheet #84-2223

The 300TSW includes a digital AMP/Volt Meter, Gas Solenoid Valve, remote control capabilities, VRD (Voltage Reduction Device) circuit, Current Pulsing and Sloping with Repeat Function, and Programmable controls allowing for 5 welding programs to be saved for maximum flexibility as standard features.

The design of the 300TSW offers both AC/DC TIG welding and handles just about any job with the full range capability from 300 amps down to 5 amps. 300TSW 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
- Programmable  
Easily save up to five welding parameter programs
- 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, Portable Mounting, Hand Held Pendant, Foot Control, 14 Pin Extension Cable, 14 Pin Torch Switch

## APPROVALS

IEC 974-1, IP23S