

# P-Wee® 160TS



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>	<b>Net Weight</b>
10-3067 (115 / 230 V)	160 A / 26 V @ 35% (230 V) 85 A / 23 V @ 100% (115 V)	1 - 160 Amps (230 V) 1 - 85 Amps (115 V)	10.2" x 5.1" x 12.6" 260 x 130 x 320 (mm)	19.8 lbs. (9.0 kg)

The Thermal Arc® P-Wee® 160TS series is a 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.



P-Wee® 160TS  
Data Sheet #84-2219

The 160TS is a fully featured TIG machine with a digital Amp/Volt meter for precise setup and output control, fitted Gas Solenoid Valve and the ability to plug in a Foot Control or a Remote Pendant. Available output modes are Standard, Slope, Repeat and Spot. Pulse Current Output is built in and is fully adjustable. Pulse Parameter Adjustment allows the base current and peak current to be set between 1-160 amps and the pulse time and pulse frequency to be varied to suit the application. The result is very precise control over the weld pool and bead shape. VRD (Voltage Reduction Device) is standard and automatically reduces the open circuit voltage when the arc is off, improving safety protection when stick welding without compromising arc starting.

The design of the 160TS handles just about any job with the full range capability from 160 amps down to 1 amp. A tough, lightweight and compact design makes the 160TS ideal for light industrial applications.

## FEATURES

- Smart Link™ Capability  
Automatically link to either 115 or 230 VAC
- Push Button Control Panel  
Easy access to all functions and controls
- 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

