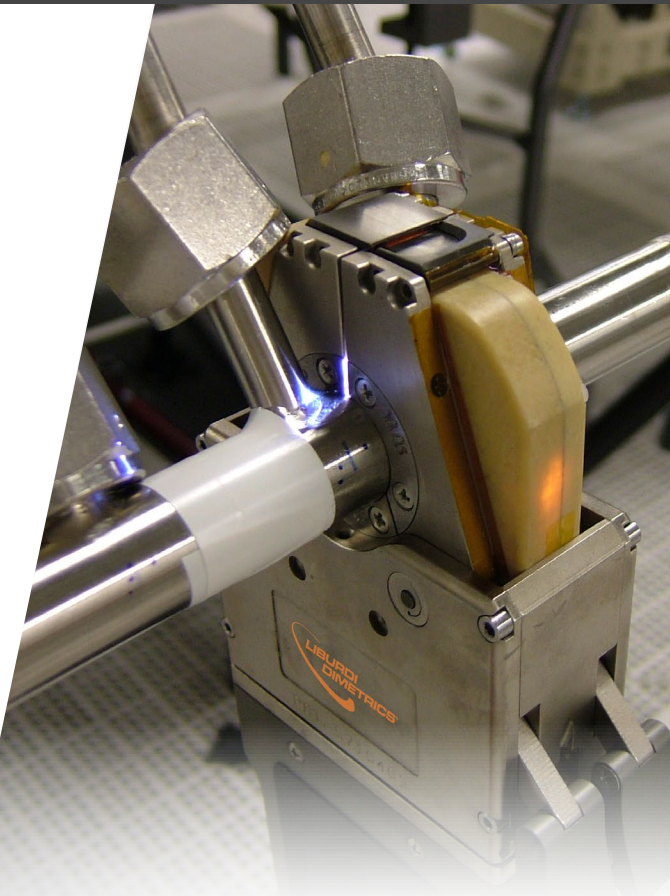



PTW160™


POWER SUPPLY & CONTROLLER



160A Output 

120V to 240V Input Power 

Lightweight And Portable 

Integrated Water Cooler 

Built in Data Logging 

Automatically Generated Welding Parameters 

■ **Quality Control:**

- Built-in data logging & monitoring with programmable warnings & fault settings .
- Password protected accessibility (Administrator, Programmer and Operator modes).
- External Printer Support over Ethernet (optional).

■ **Weld Quality & Productivity:**

- Automatic schedule generator (preset welding parameters, based on standard tube applications).
- Software-based calibration for current, voltage & travel speed.
- Sloping parameters for smooth transitions between weld segments.
- Built in water cooler & flow sensor.

■ **Program Storage:**

- USB port.
- Modbus TCP/IP digital control interface over Ethernet.
- Internal storage of up to 999 weld schedules (programs); 16 segments within each schedule.

■ **General Features:**

- Operator pendant.
- Wire feeding capability.
- External water cooler & flow sensor.
- Built-in printer.
- Dual external MFC gas control.
- External, general-purpose digital & analogue I/O interface.
- Gryphon FAST data logger (built-in 50Hz logging for current, voltage, travel speed & wire feed speed).
- CSA, CCC & UL certifications.
- Imperial or metric parameter selection.
- Multiple interface languages.

■ **Optional Supportive Products:**

- Gryphon Software Tool Kit for online/offline managing of programming, schedules and configuration files.
- Liburdi Realtime Datalogging software for realtime parameter recording of up to 100Hz, with graphical display. Store on the system, USB or LRD Cloud.

Input Voltage	Input Power	Output Current (Peak)	Output Current (100% Duty)	Resolution (Current)	Resolution (AVC)	Pulse Freq.
240VAC 50/60Hz	240/120VAC 50/60Hz 16A Service Autosensing	5-160A @16V	5-105A @ 14VDC	0.1A	0.1V	0.1 - 99.9Hz
120VAC 50/60Hz	240/120VAC 50/60Hz 16A Service Autosensing	5-70A @13V	5-65A @13V	0.1A	0.1V	0.1 - 99.9Hz

