

# ENHANCED ULTIMA 150 WITH DT-100 WELD PROGRAMMER & SECHERON PLASMA TORCH

## PRECISION HIGH/LOW AMP PLASMA WELDING SYSTEM

*A self-contained plasma welding power supply interfaced to DT-100 Weld Programmer and Secheron Plasma Torch offers complete control of weld parameters for consistent high quality welds, increased productivity and reduced down time. Accurate at low amperages, this plasma welding system provides a unique alternative to more costly processes.*



## DT-100 WELD PROGRAMMER FEATURES

- Three analog channels (weld current, speed, auxiliary)
- Programmable pulsing of weld current from 1-1000 pulses per second
- Programmable percent on time (pulse width) from 1% to 100% for frequencies up to 500pps and 10% to 90% for frequencies above 500 pps
- Inputs and outputs
- Stores up to 100 weld programs
- Advance, start/stop and downslope keys
- Editing keys for rapid program development
- Host computer weld program outputs
- Three user configurable digital outputs
- Printer output
- Optional start/stop pendant with rotary style current override control

**PROCESS WELDING SYSTEMS, INC.**

# ENHANCED ULTIMA 150 WITH DT-100 WELD PROGRAMMER & SECHERON PLASMA TORCH ULTIMA PLASMA POWER SUPPLY FEATURES

<b>Duty Cycle</b>	100% @ 100 amps 50% @ 150 amps
<b>Amperage Range</b>	0.5-15 amps 5-150 amps
<b>Voltage Input</b>	200-460 volt (+/- 10%) 50 or 60 Hz 1 or 3 phase
<b>Max. Amperage Draw</b>	1 phase-39-20 amps 3 phase-21-11 amps
<b>Coolant</b> <i>(self contained)</i>	2 gallon capacity (1.36 liter)
<b>Dimensions</b>	18" H/15" W/28.5" D
<b>Weight</b>	130 lbs/59 kg

## SECHERON PLASMA TORCHES

- Precision built torches improve accuracy and repeatability in welding.
- Columnar arc reduces arc wander.
- Pointed nozzle (tip) configuration provides greater mass, therefore better gas coverage and torch access to work piece.
- Custom nozzle (tips) available, as well as all consumables and torch repair.

### MP 5-21 Machine Torch

180° offset head, water cooled torch  
Rated @ 45 amps @ 100% duty cycle

### MP 5-13 Hand Torch

110° angle head, water cooled manual torch  
Rated @ 45 amps @ 100% duty cycle

### MP 2-21 Machine Torch

Straight barrel water cooled torch  
Rated @ 20 amps @ 100% duty cycle

**OTHER MODELS AVAILABLE BASED ON APPLICATION**

