

Model EPS-1500 Tube Welding Power Supply



- S³ welding (patented)
- Barcode reader (patent pending)
- Optical or tachometer speed control
- Built-in printer
- 12" color touch screen
- USB connectivity
- Network compatibility
- IM (Integrated Manufacturing) capable

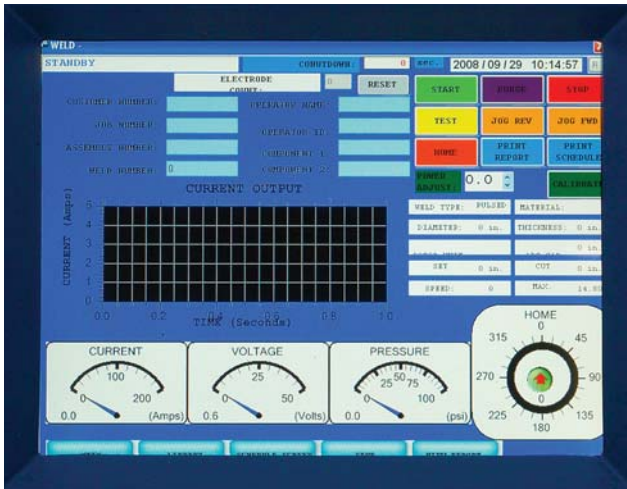


Exel Orbital Products announces a new feature-rich 150 amp fusion welding power supply.

The Model EPS-1500 is a compact, portable and robust unit which is ideal for a wide range of fusion welding applications. It uses an enhanced version of the highly acclaimed easy-to-use Exel software technology, originally developed for the EPS 2000 power supply. The EPS 1500 will operate most manufacturers' fusion weld heads and is enabled to run the new IM (Integrated Manufacturing) technology a breakthrough in quality control and record-keeping.

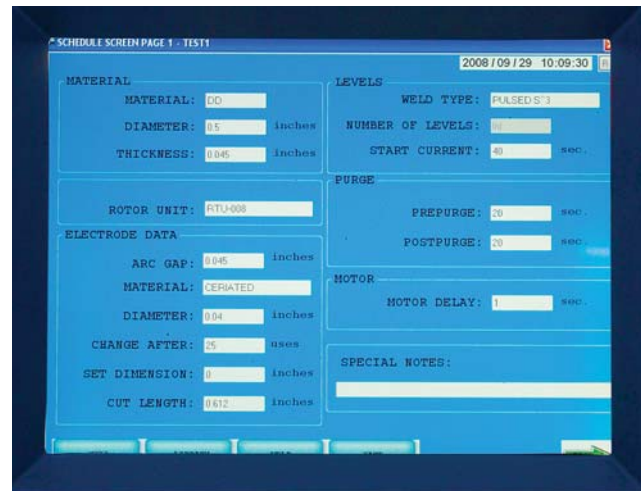
EXEL ORBITAL PRODUCTS

Model EPS-1500 Tube Welding Power Supply



The heart of the EPS-1500 is its large 12 inch touch screen controller and its intuitive software operating system, which uses only 3 Dashboard screens to control and monitor the entire welding process. Expanded capabilities include the ability to operate a wide range of weld-heads including those manufactured by Arc Machines, Inc.®, Swagelok ©, Astro Arc ©, and Liburdi-Dimetrics ©.

The EPS-1500 uses the patented and highly acclaimed S³ orbital weld procedures. Programming is so easy that, with only a few minutes of training, an experienced orbital welder can write multi-level, multi-pass, stepped or S³ procedures and inexperienced welders can be trained in a fraction of the time.



IM (Integrated Manufacturing)

The EPS-1500 Power Supply can be enabled to work with IM, Integrated Manufacturing (patents pending). Currently the EPS-1500 is the only power supply in the world that can incorporate IM. This revolutionary software retrieves the exact data of a component before welding and adjusts the weld schedule in real time - greatly reducing time consuming rework. IM also compiles all quality related data of a welded assembly so that it can be retrieved at any time in the future by simply scanning a special barcode called a WEPN (Web Enabled Part Number). All you need to do is provide an internet connection to your EPS-1500 Power Supply.

Technical Data

Input Power:	115 – 230 VAC, ±10%	Height:	12.75" (324mm)
	Single phase, 50 / 60 Hz.	Width:	19.5" (495mm)
Output Power:	3 to 100 / 150 amps DCSP,	Depth:	18.5" (470mm)
	30% Duty Cycle at 150 amps	Weight:	46 lbs. (21 kg)