

## MODEL 205 TUBE WELDING POWER SUPPLY



Arc Machines is proud to introduce the new Model 205 Orbital (GTAW) Power Supply. It's the latest advancement of orbital tube welding incorporating the best features of our popular Models 207A and 307. The Model 205 is rugged, light-weight, easy-to-use, versatile, and feature-rich.

Whether you are joining 1/4" S.S. tube for a semiconductor plant, 3/4" Titanium aircraft fuel lines, 1-1/2" electro-polished tube for a bio-pharm application, a 2" schedule 40 carbon steel pipe steam line, or you just want to tack weld two components together, the Model 205 performs reliably and repeatably.

### Key Features Include:

- Full size color touch screen displays large control buttons
- Light weight (50 lbs., 23 kg.)
- Automatic weld schedule generation including patented S<sup>3</sup> sloping
- Programming by time or degrees
- Compatible with all AMI fusion weld heads
- Built-in printer
- Multiple-language capability
- Multi-use USB port



# MODEL 205 TUBE WELDING POWER SUPPLY



The Model 205 incorporates intuitive controls, so even first-time users soon become experts. Features such as programming by degrees and current sloping make even the most difficult applications easy.

The full-size color touch screen displays large easily identifiable control buttons.



For jobs that require supporting data, the Model 205 provides fields for recording a variety of associated data. Details pertaining to the gas, the electrode, the components being welded and specifics about the job or customer can be stored with each weld schedule.

## Technical Data

Welding Process:	GTAW (TIG)	Multi-level Functions:	Primary Amps, Background Amps Primary RPM, Background RPM Primary pulse rate Background pulse rate Current Mode (continuous, pulsed) Rotation Mode (continuous, stepped, off)
Arc Start System:	Injection Pulse Start	Dimensions:	Height: 18" (457mm) Width: 19" (483mm) Depth: 14.75" (375mm)
Current Pulse Rate:	0.5 to 50 PPS	Weight:	50 lbs. (23 kg)
Input Power:	115 - 230 VAC, $\pm$ 10%, auto-switching Single phase, 50 / 60 Hz.		
Output Power	5 to 100 / 150 amps DCSP, 100% Duty Cycle at 100 amps		
Enclosure:	All metal, self-contained		
I/O Devices:	USB (2.0)		

**ARC MACHINES, INC.**