



MODEL 205 WDR

TUBE WELDING POWER SUPPLY

The Next Generation in Orbital Welding

The Model 205 WDR is the most advanced, easy to use orbital (GTAW) power supply in the industry - capable of welding tube, thin-wall pipe, and fittings from 3/32" (2,3 mm) through 7.5" (190,5 mm) OD, in wall thicknesses up to 0.160" (4 mm).

The feature-rich Model 205 WDR addresses the needs of a wide range of industries: biopharmaceutical, semiconductor, food, dairy, beverage, aerospace, power generation, ship building and a wide variety of OEM applications.

- Plug compatible with all AMI fusion weld heads produced since 1976.
- Light weight and portable at only 50 lbs. (23kg).
- Auto-switching of input voltages from 100 to 240, 50/60 Hz.
- Versatile, durable and ready to go anywhere.
- 150 A maximum output possible on 100 VAC/30 A input.



Shown with optional water cooling unit and remote pendant

SINGLE
~
PHASE

50/60
Hz

150
AMPS
@ **66%**

CC
—

QUICK SPECS	Input Power	Weld Current	Current Pulse Rate	
	100 - 240 VAC service Single-phase 50/60 Hz	5 - 150 A; 66% Duty Cycle with 110 V / 15 A service; 100% Duty Cycle with 110 V / 30 A, 220 V / 20 A service.	0.05 - 50 PPS	
	Multi-Level Functions	WDR (Weld Data Recording)	Memory Capacity	
	Primary Amps, Background Amps, Primary RPM, Background RPM, Primary Pulse Rate, Background Pulse Rate, Current Mode (continuous, pulsed), Rotation Mode (continuous, stepped, off)	Standard; recording and saving of weld data; exporting to a storage device in native or other formats; saving weld project data records as a single file.	4 GB	
	I/O Device	Dimensions	Weight	Water Cooler
	USB (2.0)	18" x 19" x 14.75" (457mm x 483 mm x 375 mm)	50 lbs. (23 kg)	Optional

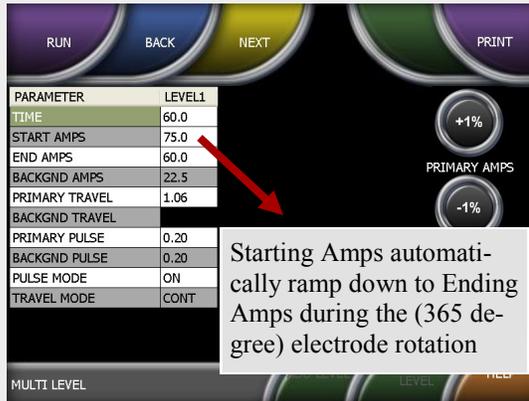


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STANDARD FEATURES

- Patented S³ weld schedules
- 10" color touch screen with tilt-out
- Programming by time or degrees
- Library for extensive program storage
- Built-in thermal printer
- Multiple language capability
- Multi-use USB port
- 3-level logon password
- Weld Data Recording (WDR)



Starting Amps automatically ramp down to Ending Amps during the (365 degree) electrode rotation



Data entry fields to record all pertinent details



Weld schedule library



Secured log-on



Weld Data Recording (WDR)

ACCESSORIES

1. Cooling unit
2. Remote operator's pendant
3. Weld head extension cables
4. Remote pendant extension cables (not shown)



1.



2.



3.

The Global Welding Company

For further information please visit our website
or contact us at 1-818-896-9556



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www.arcmachines.com

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