

# MODEL 217

## PROGRAMMABLE GTAW POWER SUPPLY



## THE WIDEST RANGE OF ORBITAL WELDING EQUIPMENT IN THE WORLD

The Model 217 WDR is a 100/150A programmable GTAW power supply. It is designed to work with all AMI's orbital fusion weld heads and is capable of welding tube and thin wall pipe.

## FEATURES

- WDR (Weld Data Recording): recording and saving weld data and exporting them to a storage device in their native or other file formats; saving project weld data records as a single file
- 12" color touch-screen display
- Computer controlled internal memory for 1000+ weld schedules and up to 99 levels per schedule
- Manual or automated weld procedure generation  
Weld schedules: tack, pulsed, step, no-pulsed, tack, S3, and pulsed S3
- H.F. arc starting
- O.D. gas pressure control and on-screen pressure monitoring
- ID purge gas valve
- Fault detection: gas, coolant, arc voltage
- Internal printer for print of schedule settings, and quantity of completed welds
- Digital weld head control to allow connection to weld heads from other manufactures

## INDUSTRY

- Semiconductor
- Bio and Pharmaceutical
- Aerospace
- Food, Dairy, Beverage and Energy



Visit [arcmachines.com](http://arcmachines.com) for more information.

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QUICK SPECS	
Input Power	100-240 VAC service 50/60 Hz Single-phase
Dimensions	Height: 11" Width: 22.27" Depth: 18.75"
Weld Current	5 - 150A 100% Duty Cycle with 110V/30A or 220V/20A service; 70% Duty Cycle with 110V/15A service
Weight	66 lbs. (30 kg)
I/O Devices	2 USB ports 1 Gigabytes Ethernet (Purchase separately)
Water Cooler	YES
Weld Cloud	YES
Orbital Analytics	YES

## TOUCH SCREEN, FUSION REMOTE PENDANT



## FEATURES

- Interactive Graphical Display
- Both Touch Screen and Keypad entry
- Select from the library of weld schedules
- Compatible with the M217 & M217P Weld System Controllers
- Operates the "New" Dual Weld head Controller
- Integrated Flashlight

# FUSION PORTFOLIO

AMI Fusion Portfolio is designed to work with all AMI's orbital fusion weld heads, capable of welding tubing and thin wall pipe.



**MODEL 217**



**MODEL 217P**



**FUSION COOLING UNIT**



**OXYGEN ANALYZER**



**FUSION PENDANT**



**FUSION SWITCH BOX**



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