

# MODEL 217 WDR



## The New Workhorse of the Orbital Welding Industry

### *Capturing The Heritage of The Model 207*

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.

The internal memory of the machine stores 1000+ different welding schedules for quick access. High-integrity, sanitary welds are easily reproduced at the touch of a button. The welds produced by the Model 217 WDR meet or exceed the specifications required by diverse industries such as: semiconductor, food, dairy, beverage, pharmaceutical, aerospace, renewable energy and nuclear.



#### QUICK SPECS

##### Input Power

100 - 240 VAC self-switching service, Single-phase, 50/60 Hz

##### Current Pulse Rate

0.01 - 9.99 PPS

##### Water Cooler

Optional

##### Dimensions

11" x 22.75" x 18.75"  
(279 mm x 578 mm x 476 mm)

##### 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 Device

2 USB ports  
1 Ethernet port

##### Memory Capacity

1000+ weld schedules,  
99 levels per schedule maximum

##### WDR (Weld Data Recording)

Standard; recording and saving of weld data; exporting to a storage device in comma-separated value (.csv) file format; saving project weld data records as a single file



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# MODEL 217 WDR MICROPROCESSOR CONTROLLED POWER SUPPLY

## STANDARD 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: pulsed, step, no-pulsed, S<sup>3</sup>, and pulsed S<sup>3</sup>
- H.F. arc starting
- I.D. and O.D. gas pressure control and on-screen pressure monitoring
- 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.

## ACCESSORIES

1. Remote operator's pendant
2. Water cooling unit
3. Reusable shipping case
4. Weld head extension cables (not shown)
5. 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



*Dynamic. Growing. Integrated.*

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