

# MODEL 207



**MICROPROCESSOR CONTROLLED POWER SUPPLY**

**ARC MACHINES, INC.®**

*The Workhorse of the Automated Welding Industry*

The Model 207 is a 100/150 amp programmable GTAW power supply. It is designed to work with all AMI's orbital fusion weld heads and is capable of welding tubing and thin wall pipe.

The internal memory of the machine stores up to 100 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 207 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 service  
Single-phase  
50/60 Hz

### Water Cooler

Optional

### Overrides

Programmable from  
0% - 100%

### Weld Current

5 - 150 A  
100% Duty Cycle

### Dimensions

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

### Weight

79 lbs.  
(36 kg)

### I/O Device

M-207EMM

### Memory Capacity

100 weld schedules maximum,  
100 levels per schedule maximum

### Current Pulse Rate

0.05 - 50 PPS



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# MODEL 207 TUBE WELDING POWER SUPPLY

## STANDARD FEATURES

- Microprocessor-controlled, pre-programmed internal memory for up to 100 weld schedules and up to 100 levels per schedule
- Dust/moisture-proof soft touch membrane switches - ideal for cleanroom use and for harsh environments
- Upper display - to provide prompts to the operator in simple language
- Lower display - to provide welding data information, program library readout, Diagnostic Fault Detection System (DFDS), and System Interlock Status (SIS)
- Internal printer - for print of program library, schedule settings, quantity of completed welds, and QC data
- External memory port - used with the optional External Memory Module (M-207EMM)
- 3-position key switch - to limit access of operating or programming capability to the user

## ACCESSORIES

1. Remote operator's pendant
2. External Memory Module
3. Water cooling unit
4. Manual torch and foot control
5. Reusable shipping case
6. Chart recorder interface cable
7. Remote pendant extension cables
8. Weld head extension cables
9. Offline programming



1.



2.



3.



4.



5.

*Leaders & Innovators in  
Automated Orbital Welding*

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



**AMI**  
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