

MODEL 207

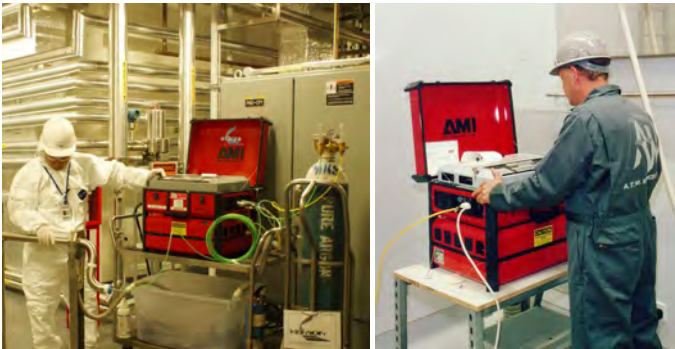


MICROPROCESSOR CONTROLLED POWER SUPPLY **ARC MACHINES, INC.®**

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

Weld Current

100 - 150 A
100% Duty Cycle

I/O Device

M-207EMM

Memory Capacity

100 weld schedules maximum,
100 levels per schedule maximum

Water Cooler

Optional

Dimensions

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

Current Pulse Rate

0.05 - 50 PPS

Overrides

Programmable from
0% - 100%

Weight

79 lbs.
(36 kg)



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



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*Leaders & Innovators in
Automated Orbital Welding*

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



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