



ARC MACHINES, INC. MODEL 215 MICROPROCESSOR-CONTROLLED POWER SUPPLY



- Easy to program and use. Each screen is prompted in English, French and German (other languages available)
- Solid-state pulsed 350 amps DC GTAW Power Supply, 100% Duty Cycle
- High capacity memory for storage of weld schedules
- Operator overrides on 14 essential welding variables. Amount of override can be controlled by the user from 0% to 100%
- Compatible with all standard Arc Machines' weld heads
- Operates up to 200 feet away from weld head
- Complete line of options and accessories
- Built-in diagnostic features

www.westermans.com

welding@westermans.com

Together we Weld the World.



MODEL 215 MICROPROCESSOR-CONTROLLED POWER SUPPLY

The Arc Machines Model 215 microprocessor-controlled power supply is a field-proven GTAW power supply which represents the latest in state-of-the-art technology. It is a solid-state pulsed 300 amps DC power supply with a 100% duty cycle. The Model 215 operates all standard Arc Machines welding heads and is an extremely versatile power supply with a strong emphasis on ease of operation. Each programming screen is prompted in plain English assuring the user simple and fast programming of weld schedules. No computer codes are used.

The memory system of the Model 215 is capable of storing a large number of weld schedules. Each individual weld schedule may consist of up to 100 passes with 38 variables and each pass may contain up to 100 levels with 17 variables. These combinations allow virtually unlimited versatility.

The Arc Machines Model 215 can be stationed up to 200 feet away from the weld location. All controls necessary to operate the Model 215 are located on a small, portable, hand-held programmer-operator pendant, which can be located at the weld site or near the power supply. When welding in a hazardous environment is mandated, the Model 215 has a remote welding option which allows the operator to monitor the weld on a TV screen while maintaining a safe distance from the hazardous area.

The Arc Machines Model 215 Offers:

- Solid-state, precision, pulsed GTAW power supply
- Operates all standard AMI welding heads
- Complete operation and programming at weld head location
- Alpha-numeric graphic display of all weld information and function values, plus patented "Heads-Up" display available with remote pendant
- Large-capacity memory for storage of all weld schedule information and function values
- Display of system operation instructions (operator prompting)
- Rapid input of weld schedule information
- Fourteen user-controlled overrides, programmable from 0% to 100%
- Complete line of accessories available
- Detects and indicates faults such as: ground, temperature, gas flow, coolant flow, internal voltages, etc.
- Current pulsation synchronized with oscillation, dwell, wire feed and travel



Model 215 Program Operator Pendant

Complies with all applicable international norms and directives, including: IEG 974-1; ISO/DIS 700; EN 50199; EN 60974-1.

Technical Data:

Process:	GTAW(TIG)	Arc Start System:	High frequency or touch start
Weld Current:	5 to 350 amps DCSP ±1%, 100% Duty Cycle	Input Power:	230 / 460 VAG, 3 phase 60 Hz. Other ratings available.
Arc Voltage Control:	5 to 20 volts (Closed loop position servo)	Dimensions:	Height: 36.00" Width: 24.00" Depth: 42.00"
Travel/Rotation Speeds:	Range depends on weld head type	Memory Capacity:	Up to 254 weld schedules Up to 100 passes per schedule Up to 100 levels per pass
Wire Feed Speed:	1.0 to 200 IPM synchronized to pulsation and oscillation	Overrides:	Programmable from 0% to 100%
Torch Oscillation:	Range depends on weld head type	Applicable Spec:	Specification No. 215
Cooling System:	Liquid cooled. Filtered forced-air heat exchanger		

Specifications subject to change without notice.

ARC MACHINES, INC.

One Year Limited Warranty

Made in the U.S.A.