



New Product Bulletin

The New Workhorse of the Orbital Welding Industry

AMI Model 217P

The Model 217P is a 100/150A programmable GTAW (TIG) 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.

Capturing the heritage of the Model 217, but smaller and lighter. The 217P has the consistent reliability you have come to expect, with the next generation technology you need to bring your orbital welding to the next level.

Meet the Model 217P.

Model 217P



- » 10" Color Touch Screen Display
- » Computer Internal Memory for over 1 million+ Weld Schedules
- » Manual or Automated Schedule Generation
- » Weld Schedules Offered with Pulsed, Step, Non-Pulsed, and S₃ Technologies
- » H. F. Arc Starting
- » O.D. Gas Pressure Control and On-Screen Pressure Monitoring
- » Fault Detection: Gas, Coolant, and Arc Voltage
- » Improved Internal Printer
- » Records and Exports Welding Data for All Welds

The Model 217P is the next evolution in orbital welding technology. Developed from the same footprint as the Model 205, this next generation power supply captures the heritage of its predecessor but with many added benefits.

New Benefits

The biggest difference between Model 217 and the Model 217P is:
 35% smaller footprint
 27% lighter in weight
 New solid-state computer

Next Generation Technology

Model 217P uses AMI's proprietary S₃ amperage technology to reduce each weld's energy consumption. S₃, which means "single slope, single pass" produces a linear reduction of current from the start to the end of the weld. S₃ reduces the current and pulsation of current running through the welding system yielding the additional benefit of increasing weld head life, reducing downtime, lengthening maintenance intervals, and minimizing service costs.

This next generation technology coupled with the new benefits, makes the Model 217P the best solution on the market for your orbital welding needs.

Technical Information

Model 217P	
Input Power	100 - 240 VAC self-switching service, Single-phase, 50/60 Hz
Current Pulse Rate	0.01 - 50 PPS
Water Cooler	Optional
Dimensions	19" x 14.4" x 18.3" (L x W x H) (279 mm x 578 mm x 476 mm)
Weld Current	5 - 150 A 100% Duty Cycle with 110V/20A or 220V/30A Service; 70% Duty Cycle with 110V/15A Service
Weight	48 lbs. (22 kg)
I/O Device	2 USB Ports / 2 Ethernet Port
Memory Capacity	1 million+ Weld Schedules, 100 Levels per Schedule Maximum
Weld Data Recording	Standard; recording and saving of weld data; exporting to a storage device in native or other formats; saving project weld data records as a single file, exportable to excel spreadsheets

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, exportable to excel spreadsheets
- » 10" color touch screen display
- » Computer controlled, with internal memory for 1 million+ weld schedules and up to 100 levels per schedule
- » Manual or automated weld procedure generation
- » Weld schedules: Pulsed, step, non-pulsed, S³, and pulsed S³
- » H.F. arc starting
- » O.D. gas pressure control and onscreen pressure monitoring
- » Fault detection: Gas, coolant, and arc voltage
- » Internal printer for print of program library, schedule settings, quantity of completed welds, and QC data

Accessories

- » Remote operator's pendant
- » Water cooling unit
- » Reusable shipping case
- » Weld head extension cables
- » Remote pendant extension cables

Ordering Details

Availability Model 217P is available for purchase from your local representative effective immediately.

Contact Your Distributor



월드웰 주식회사

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