

MD SERIES



The Magnaflux Multi-Directional units are our most versatile standard units. The MD Series offers time savings multidirectional magnetization for finding defects in all orientations with one cycle. The two or three outputs are independently adjustable to balance the magnetic field intensity, and each output offers AC, HWDC or One Phase DC output. The user can mix and match current types while adjusting current levels creating virtually infinite combinations for the operator. These combinations allow the machine to be used with a wide range of parts, while the Customer Programmable Settings insure repeatability whether you process the same part every day or once a year. Supervisor Locks keeps stored setting safe from inadvertent variation.

MD-2030

3000 amp HWDC, FWDC, 2500 amp AC Output Capabilities
2 Outputs—Contacts, Flux-Flo® Coils
Voltages Available (208 V or Higher)
Only Available in Standard Size

MD-2060

6000 amp HWDC, FWDC, 5000 amp AC Output Capabilities
2 Outputs—Contacts, Flux-Flo® Coils
Voltages Available (380 V or Higher)
Standard Type Coil May be Substituted for Flux-Flo® Coils

MD3-2060

6000 amp HWDC, FWDC, 5000 amp AC Output Capabilities
3 Outputs—Contacts, Flux-Flo® Coils, 16" ID Auxiliary Coil
Voltages Available (380 V or Higher)
20" or 25" ID Coil May be Substituted for 16" ID Coil

CMD Series

This series of units are the Power Pack versions of the units listed above. The power packs can easily be integrated with custom handling equipment, or used to update old wet horizontal units. They can come with 2 or 3 outputs.

2000 SERIES



Features:

All the features listed for the 2000 Series PLUS

- Integrated Multidirectional Power Supply
- Programmable Logic Controller (PLC) with Graphical Display Interface
- Large Easy to Read Display with Digital Amperage Readout
- Independent Variable Current Controls with Key Pad Entry
- Visual and Audible Current Assurance Alarm with Automatic Log
- Quick Disconnect Wiring, allows Quick and Easy Maintenance
- 100% Solid State Circuitry
- Fifty (50) Customer Programmable Piece Part Settings
- Automatic Piece Parts Counter
- Security System allowing Password Protection (2 Levels)
- Multi-Lingual (English, Spanish, French) Display
- Daily Operator Check Reminders (UV & White Light Intensity, Bath Concentration)
- Five (5) Year Frame and Tank Warranty
- Two (2) Year Parts and Labor Warranty

Options:

- Magnaflux Inspection Hood (See Page 10)
- Decaying AC or Reversing DC Demagnetization, to reduce the residual field in the test piece to enhance machining, and welding operations.
- Dual Palm Buttons (in lieu of Footswitch) insuring Hands Clear Operation
- Infrared Light Curtains for Operator Safety
- Fifty (50) Additional Customer Programmable Piece Part Settings
- Powered Conveyor (10 foot x 8 inches) with two person inspection booth, ZB-100F Lights, White Light, Ventilation Fan, and Inline AC Demagnetization Coil
- Current Set Points (Over / Under Current Alarm)
- Automatic Bath up to 20" (for Longer Lengths Contact Magnaflux)
- Pulse Feature (CMD only)

Unit Size	Part Length Capacity	Unit Dimensions	Tank Capacity
Standard	41 Inches (104 cm)	89" x 41" x 61"	25 Gal (95 L)
Long	89 Inches (226 cm)	133" x 41" x 61"	37 Gal (140 L)
Extra Long	133 Inches (338 cm)	177" x 41" x 61"	60 Gal (235 L)

GRAPHICAL OPERATOR INTERFACE



- Increase Reliability and Speed
- Reduce Operator Errors
- Write Reports
- Count Parts
- Maintain Cycle Repeatability
- Store and Recall Application Setup

