

THE ULTIMATE IN MAGNETIC PARTICLE INSPECTION SYSTEMS

FEATURES/BENEFITS

- AC and FWDC magnetizing currents
- Infinitely variable current control
- Digital Ammeter with Hold Feature
- Secondary Solid State Controls
- Silicon Rectifiers
- Reversing DC demag on all models
- AC demag on -01 models
- Quick Break Feature Standard on All Systems
- Thermal Overload Protection
- Current Assurance Indicator
- Heavy Duty Head/Tailstock Rails
- Electronic plug-in control modules
- Maximum ampere output up to 6,000 AC, 10,000 FWDC

(see table for details)

- Unique agitation system maintains bath strength to within

3% of theoretical level
Stainless steel tank

The Gould-Bass Magne-Tech® systems feature the most advanced circuitry in the industry providing ease of operation, assured safety for test parts, increased test speeds, and maximum repeatability and dependability of tests.

The 3509 models are available in 6000 & 10,000 amperes. They offer FWDC variations with built-in reversing DC push-button demagnetization. Various bench lengths are available.

The 3509-01 models offer magnetizing output in both 6000 Amps AC and 6000 Amps FWDC. Demagnetization is both AC and reversing DC. Various bench lengths are available.



Available Models				
Model Number	3509	3509-10	3509-01	3509-01-10
Head/Tailstock Opening	3509 - 54" 3509A - 100" 3509B - 144"	3509-10 - 54" 3509A-10 - 100" 3509B-10 - 144"	3509-01 - N/A 3509A-01 - 100" 3509B-01 - 144"	3509-01-10 - N/A 3509A-01-10 - 100" 3509B-01-10 - 144"
Maximum Magnetizing Current	6000 FWDC	10,000 FWDC	6000 AC 6000 FWDC	6000 AC 10,000 FWDC
Demagnetization	Reversing DC	Reversing DC	AC Reversing DC	AC Reversing DC
Standard Voltage	230 V or 460V 50-60 Hz / 3 Phase	230 V or 460 V 50-60 Hz / 3 Phase	230 V or 460 V 50-60 Hz / 3 Phase	230 V or 460 V 50-60 Hz / 3 Phase
12" Rail Mounted Moveable Coil	Standard	Standard	Standard	Standard
16", 20", 25", 30" Coil Sizes	Optional	Optional	Optional	Optional
Infinitely Variable Current Control	Standard	Standard	Standard	Standard
Digital Ammeter with Hold Feature	Standard	Standard	Standard	Standard
Quick Break	Standard	Standard	Standard	Standard
Current Assurance Indicator	Standard	Standard	Standard	Standard
Heavy Duty Head/Tail Stock with crank	Standard	Standard	Standard	Standard
Hip/Push Bar for Mag Shot	Standard	Standard	Standard	Standard
Footswitch Headstock Activation	Standard	Standard	Standard	Standard
Stainless Steel Tank	Standard	Standard	Standard	Standard
Front/Rear Hardwood Grilles	Standard	Standard	Standard	Standard
Recirculation / Agitation System	Standard	Standard	Standard	Standard
Blacklight Hood with Fan & Light Console	Optional	Optional	Optional	Optional
Steady Rests	Optional	Optional	Optional	Optional
Rotating Head/Tailstocks	Optional	Optional	Optional	Optional
Overall Dimensions L = Length W = Width H = Working Height	3509 -L = 78" 3509A - L=124" 3509B - L=168" W=30", H=42"	3509-10 -L = 78" 3509A-10 - L=124" 3509B-10 - L=168" W=30", H=42"	3509-01 -L = N/A 3509A-01 - L=124" 3509B-01 - L=168" W=30", H=42"	3509-01-10 -L = N/A 3509A-01-10 - L=124" 3509B-01-10 - L=168" W=30", H=42"
Nominal Line Amp Draw 230V/460V-60 Hz.	220/110	440/220	220/110	440/220

[ACCESSORIES AND MATERIALS](#)

Gould-Bass Company offers a complete line of process control instrumentation and related accessories, such as field strength indicators, clamps, connectors, prods, sprayers, and powder applicators.

All materials necessary for magnetic particle inspection are also available, including dry powders and materials for fluid suspension.

