

OSB

For a better MRI

Diamags Flash System - real time active compensator for MRI

- Real time active compensation of random magnetic fields
- Active shielding against environmental AC/DC magnetic noise
- Compatible with all MRI systems
- All Digital
- Fiber Optic Technology
- Can be installed in new and existing MRI sites
- Self calibrating
- Remote control
- User friendly
- Maintenance free



Diamags Flash is a patented high performance active compensation system of magnetic field fluctuation. Diamags Flash shields any type of MRI system against environmental AC/DC magnetic interference generated by subways, trains, elevators, moving metals and electrical distribution equipment.

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| SYSTEM COMPONENTS



Case: front panel user interface and back panel modules



Remote Control Module



Field Correction Module



Main Unit Module



Slave A/D module



Bartington Fluxgate



Coils

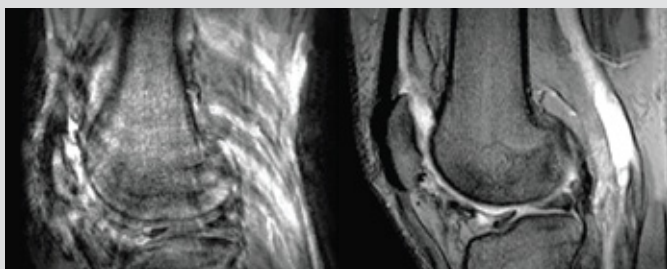
| SYSTEM SPECS

Diamags System Case and Modules Components	1 axis AC/DC correction - 6 EMI filters PSU module, Main Unit module, Field Correction module, A/D module, cables, fluxgate sensor, #2 coils
Dynamic Range	200 mGauss (20 μ T)
Magnetic field compensation	< 0.3 mGauss (30 η T)
Frequency	0 to 300Hz
Magnetic field resolution	0.01 mGauss (1 η T)
AC compensation	from DC to 300Hz with digital filtering
Correction coils	custom made according to site's requirements
Protocol	TCP/IP
Processing	16bit resolution
Local port	USB 2.0 high speed certified up to 11Mbit
Size	12.8 x 10.5 x 6.5 In
Unit Weight	Up to 25 lbs
Package size	24 x 24 x24 In
Package Weight	154 lbs with coils
Power	120/240 VAC 50/60Hz

| BENEFITS

Before

After



| OPTIONS

- Second Axis Field Correction Module
- Second set of coils
- Remote Control Unit



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