SECURITY ENGINEERED MACHINERY

Technical Data Sheet

Mag EraSURE™ ME-P3M

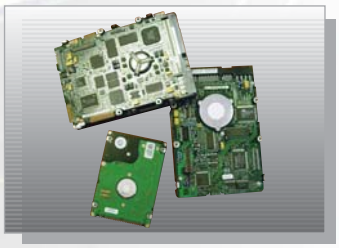
Total Magnetic Data Elimination With No Power Required

For field deployment or where power is not available, the ME-P3M is the ideal choice. Standard and Perpendicular Magnetic Recorded (PMR) Hard Drives and/or Magnetic Tapes are degaussed quickly and easily in approximately 15 seconds by simply turning the built-in hand crank.

Features

- Able to degauss 5,000 Oe media… includes PMR Hard Disk Technology
- Supports 3.5", 2.5", and 1.8" HDDs (Maximum HDD dimensions: 1"H x 4"W x 5.8"D)
- Supports most digital tape formats and floppy disks
- More reliable than software based solutions
- Suitable for field operation
- Works with most types of magnetic media
- NSA Approved for Perpendicular Magnetic Recorded (PMR) Media

Works with most desktop and notebook hard drives, even non functioning drives. Completely removes data in about 15 seconds.



Access to the drive cavity is simple. Flip the hinged cover and insert the drive. The entire process takes only seconds.

Functions without electrical power. The built-in hand crank conveys the drive past the fixed magnet for complete erasure. Drive may not be removed until cycle is complete to eliminate the potential for incomplete erasure.

Capabilities

The Mag EraSURE ME-P3M is an ideal device for fast and secure degaussing of hard disk drives and back-up tapes containing confidential or highly sensitive information. Its relatively small size and light weight make it perfectly suited for field deployment, office use, or in data centers.

The Mag EraSURE is fast, quiet, reliable and requires no power. The built-in manual hand crank shuttles drives past a rare earth permanent magnet for total drive erasure in as little as 15 seconds. Because the magnets generate no heat, the ME-P3M can be used continuously.

PERFORMANCE SEM GUARANTEED

Mag EraSURE ME-P3M

P3M Specifications

Mag EraSURE ME-P3M Specification		
Model		**ME-P3M**
Media		HDD: 1.8", 2.5", 3.5", (up to 1" height) Tape: ½ in tape (type 3480), DLT, LTO, QIC, DAT, 8mm, TRAVAN, AIT, VHS, S-VHS, floppy disks and removable magnetic disks
Operation time		15 seconds
Surface field strength	Top	100 gauss or less
	Bottom	300 gauss or less
Manual		Built-in hand crank
Rated power		100V/240V – 50/60Hz, 1A nominal
Temperature	Operating	14 to 104 degrees F
	Non-operating	-40 to 149 degrees F
Humidity	Operating	10 to 85% (non-condensing)
	Non-operating	5 to 95% (non-condensing)
Dimensions (unit only not mounted)		29"(L) x 18"(W) x 12"(H)
Weight (main body)		Approx 190 lbs.
Vibration and shock		Commercial shipping and handling

Mag EraSURE Pro ME-P2

Mag EraSURE Pro Value ME-P2V

Other Commercial Degaussers

For non-classified degaussing applications, SEM offers two additional Mag EraSURE models. The Mag EraSURE Pro and Mag EraSURE Pro Value are the most powerful commercial grade degaussers available.

Product Name	Professional (P2)	Professional Value (P2V)
Model	SEM ME-P2	SEM ME-P2V
Dimensions	23 13/16"L x 13 3/8"W x 8 7/16"H	23 13/16"L x 13 3/8"W x 8 1/4"H
Weight	73 lbs (main body)	60 lbs (main body)
Compatible Type	3.5"/2.5"/1.8" type HDD	3.5"/2.5"/1.8"/1.0"
Standard Operation	One 30 second cycle	60 seconds (two 30 second cycles)
Environmental Condition	14~104°F (Temperature) 10~85% (Humidity)	14~104°F (Temperature) 10~85% (Humidity)
Magnetic Force	Max 13000 Gauss (permanent magnet)	Max 13000 Gauss (permanent magnet)
Rated Power	100V-50/60Hz, 120V-60Hz 200V-50/60Hz, 220V-60Hz	120V - 60Hz 1 amp
Supported Tape Formats	3480/3490, DLT, LTO, DAT, AIT, Travan, QIC and more	3480/3490, DLT, LTO, DAT, AIT, Travan, QIC and more
Warranty	5 Years	1 Year

GSA

PERFORMANCE SEM GUARANTEED

Security Engineered Machinery
800.225.9293 • Fax 508.366.6814
www.semshred.com • info@semshred.com