

TS-1

DATA ELIMINATOR™, NSA EVALUATED PRODUCTS LIST DEGAUSSER



NSA/CSS Listed Degausser

The Garner TS-1 Data Eliminator™, an NSA Evaluated Products List High Security Degausser, utilizes Garner's proven solid-state technology to provide a 20,000 gauss erasing field ensuring complete hard drive and tape erasure of classified and "Top Secret" data in 45 seconds. Garner's built-in magnetic field verification system along with onboard diagnostics, confirm the field strength of each and every erase cycle guaranteeing complete erasure every time. Further, the field strength is displayed numerically and graphically allowing the operator to perform periodic performance verification eliminating the need for a separate instrument to check the erasing force. Redundant error checking before, during and after each erase cycle ensures the TS-1 is performing in peak condition. Compact and portable, the TS-1 can be easily transported to the location of the media for on-site erasure and de-classification.

TS-1 Features

- Listed on the National Security Agency's Evaluated Products List
- Independently tested and certified to CE/ANSI electrical safety standards
- Erases perpendicular and longitudinal hard drives up to 5,000 Oersteds and magnetic tape media up to 2,800 Oersteds
- Alphanumeric LCD display provides easy to read erasure status, field strength, media counter and diagnostics
- Single pass, 45 second erasure
- Built-in magnetic field verification system guarantees complete erasure
- Quiet, table-top, office friendly operation

Eliminate the risk of information loss of Top Secret data during media transportation. Take the TS-1 degausser directly to the location of your media. The TS-1 has two custom machined retractable alloy handles built into each side of the unit for easy lifting. An optional custom wheeled transport case (Case-TS1) is available to get the TS-1 from location-to-location safely and securely.

Paystation is a leading Canadian Payments Technology Company established in 1955. We have been a payment solution provider for Businesses and Financial Institutions for over 65 years, with offices and representatives across Canada. Together with our partners, we offer a broad span of payment technology solutions that will fit your growing needs, from cheque scanners and payment solutions to electronic/image-based payment solutions.

TS-1 Features and Capabilities:

The TS-1 is the newest and most innovative product in the Garner line of degaussers. With 2 Tesla (20,000 gauss) of power, the TS-1 erases the highest coercivity magnetic media available today. The TS-1 erases 5,000 Oe hard drives (laptop, desktop and network up to 1" high) and up to 2,800 Oe high coercivity tape media, including all formats of LTO (1,2,3,4), SuperDLT I & II, DLT, AIT, 3590 Series, 8mm and more, all without any adapters. With a continuous duty rating (no cooling breaks necessary), quiet operation and a 45 second cycle time, the TS-1 offers a fast, cost effective erasing

TS-1 Operations:

The TS-1 is exceptionally user-friendly. Simply place your media into the drawer of the TS-1 and push the "Erase" button. Within 45 seconds, the media is erased. Open the drawer and remove the media. It just doesn't get any easier than that!

Safeguards:

Safeguards built into the TS-1 check the stored power before each erase cycle ensuring complete erasure every time. In addition, a proprietary gauss sensor measures the erasing force in the coil at the time of discharge. If the electrical power or the erasing force is less than specification, the TS-1 will report an error message to the operator and not complete the cycle until the TS-1 meets both power and erasing force requirements. Messages on the LCD Display and lighted push buttons report the status of the TS-1 to the operator.

Specifications

Power Supply:	(100-240VAC \pm 5%, 50/60 Hz.) Selectable. Factory configured for 120 VAC unless specified on purchase order	
Power Consumption:	Under standby:	0.5A
	While charging:	3.5A average
	At the time of Erase:	0.5A
Degausser System:	Capacitive Discharge	
Duty Cycle:	Continuous	
Erase Time:	45 second repetitive cycle	
Magnetic Field:	2.0 Tesla (20,000 gauss)	
Certifications:	NSA/CSS	
Erasing Area Size:	1.25 in. (H) x 4.25 in. (W) x 5.9 in. (D)	
Portability Features:	Two 6" wide retractable machined alloy handles on each side	

Note: Hard Drives and some tapes are not reusable after having been erased by the TS-1.

Government Mandates:

As an NSA approved degausser, the TS-1 has been tested to and exceeded the most stringent requirements for complete erasure of magnetic media at the highest security levels including Top Secret. This approval meets all compliance standards for government mandates requiring complete elimination of information stored on magnetic media prior to re-use or disposal including:

- NSA/CSS/DoD Top Secret
- NIST (National Institute of Standards and Technology Guidelines for Media Sanitization)
- NIST SP 800-36
- NIST SP 800-88
- PCI DSS (Payment Card Industry Data Security Standard)
- HIPAA (Health Information Portability and Accountability Act)
- PIPEDA (Personal Information Protection and Electronic Documents Act)
- GLBA (Gramm-Leach-Bliley Act)
- California Senate Bill 1386

NSA/CSS SDDM 9-12 recommends hard disks be physically destroyed after degaussing. The Garner PD-5 is the perfect match with the TS-1 for complete compliance. Now with SSD/Flash destruction capability!

Media:	Hard drives up to one inch high including full height, standard and laptop drives, tape cartridges including DLT, LTO, 3590 Series, 8mm and more.	
Temperature:	10°F – 112°F (-12°C – 45°C)	
Humidity:	10%H – 40%H (non-condensing)	
Weight:	<u>Unit</u>	<u>Shipping</u>
TS-1	144 lbs. (66 kg)	160 lbs. (73 kg)
Case-TS1	83 lbs. (38 kg)	103 lbs. (47 kg)
TS-1 & Case-TS1	227 lbs. (103 kg)	250 lbs. (113 kg)
Size:	<u>Unit</u>	<u>Shipping</u>
TS-1	21.5 x 17.5 x 19 in. (546 x 444 x 482 mm)	34 x 26 x 33 in. (864 x 660 x 838 mm)
Case-TS1	32 x 25 x 27 in. (813 x 635 x 686 mm)	34 x 26 x 33 in. (864 x 660 x 838 mm)
Warranty:	1 Year Factory Warranty standard. Optional 3 Year Factory Warranty available.	

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