

PRODUCT FEATURES

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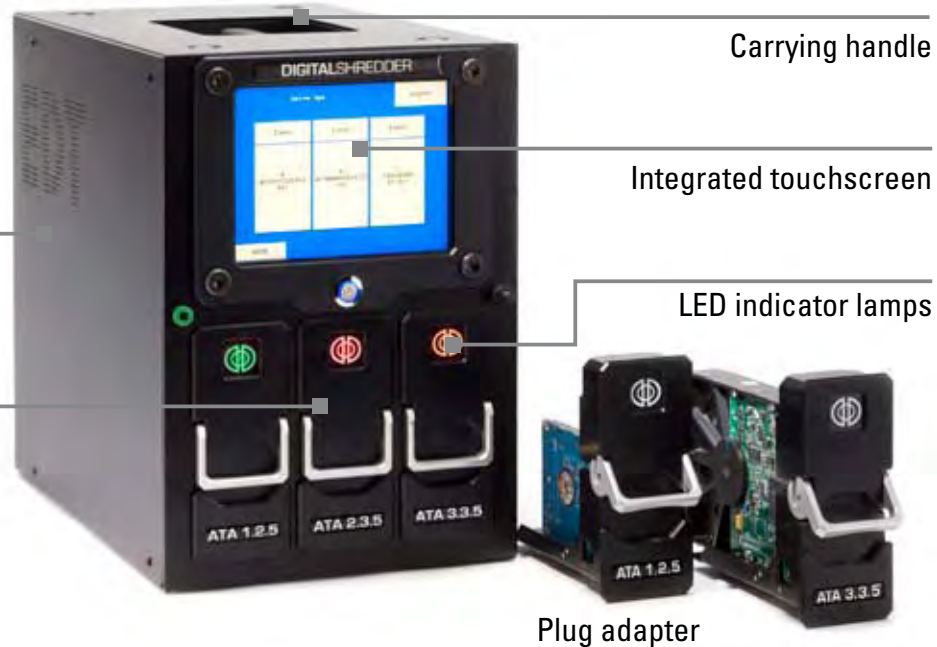
Width: 21.6 cm

Depth: 33 cm

Height: 30.5 cm

Weight: 6 kg

3 Drives



Safe and fast.

The Digital Shredder is very user-friendly and takes up little space as it requires almost no peripherals. Thanks to the touchscreen and the intuitive design, the set-up and training times are minimal.

The device was designed for field service. You can store the Digital Shredder and its components easily in the optionally available hard-top case.

The shredder is quick to assemble due to its compact design. The Digital Shredder is ideal for mobile technical support staff, or for businesses with several branches without central IT departments.



Easy to transport



SECURE ERASE:

The Digital Shredder utilises "Secure Erase", the safest and fastest technology to date, to delete the data. This is an algorithm embedded in the firmware of modern ATA/IDE and SATA hard disks; it was developed to erase data from hard disks beyond forensic recovery. The National Security Agency (NSA) initiated the development, which was then carried out by the Center for Magnetic Recording Research (CMRR) at the University of California.

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THE ADVANTAGES:

- Secure Erase cannot be activated in normal operating mode. This prevents activation by accident or by a virus.
- The erasing process also reliably erases defective sectors on the hard drive that overwriting software, for example, cannot detect.
- On average, Secure Erase is 8 times faster than software that overwrites in triplicate.
- Once the Secure Erase has been completed, the hard disk sends a confirmation code to the Digital Shredder, providing total process reliability.
- The US guidelines on media disposal describe Secure Erase as "safer than overwriting". According to these guidelines, Secure Erase is more effective than any overwriting process, no matter how often it is repeated. This method is as safe, if not safer than, the demagnetising process assessed by the NSA.
- If Secure Erase is not possible because the hard disk is too old, the Digital Shredder will detect this and automatically offer an alternative: overwriting the data three times.

EFFICIENCY AND USER-FRIENDLINESS

If the hard disk is suitable for Secure Erase, the Digital Shredder is much faster than overwriting software. On average, the program is 8 times faster than a triple overwriting process, and 18 times faster than a seven-cycle overwriting process. With its three drives, the device provides a considerable performance.

Thanks to the LED indicators, it is not necessary to monitor the machine or read the display to determine the processing status. All you need is a clear view of the device. A quick look over your shoulder will provide you with the status of all three drives, so there's no need to get up or interrupt your work.

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RECONDITIONING

Once a hard drive has been wiped, the Digital Shredder can recondition it so it can be used again. It can format and partition the hard disk, or it can create an image from a master.

OPERATING SAFETY

Safety from the first step: The device is protected from misuse by unauthorised persons by a user name and password. An administrator controls the access.

DATA PROTECTION

Many companies outsource the disposal of their hard disks. However, giving sensitive data to third parties is problematic for two reasons: First, there is no control over company information or the erasing process itself.

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The hopper is empty and ready for use.



The hard drive is ready, but no process is running. If the LED display is green, the process is completed and you may remove the hard drive.



The process is active, the hopper is locked mechanically and password-protected.



The hard drive is being formatted or re-imaged.

Second, it results in additional internal storage and safety problems, as the hard disks have to be stored safely until collection. The Digital Shredder erases hard disks on location and therefore provides the best possible data protection.

ENVIRONMENTAL PROTECTION

Old hard disks end up as hazardous waste. Sometimes, hard disks have to be erased before they have reached the end of their life cycle. The Digital Shredder formats hard disks so they can be used again. This is a quick, simple and safe contribution to environmental protection.



MAXIMUM SECURITY

Nobody wants company or private data to get into the wrong hands.

There are many different methods and shredder tools for erasing hard disks. They differ in respect to safety, time involved and user-friendliness.

The established methods for erasing hard disks do not guarantee that sensitive data will be erased completely.

Methods for erasing data

Overwriting using software

Overwriting software writes random, complex and meaningless data onto all accessible areas of the hard disk. The software is loaded onto a computer or server and then executes the overwriting process. Most overwriting tools repeat this process several times.

Demagnetising

Originally, these processes were developed to erase disks and magnetic tapes.

A hard disk is demagnetised by subjecting it to a strong magnetic field. The polarity of the magnetic medium changes, which effectively deletes the data. This method has some unwanted side effects: the resulting electromagnetic radiation can affect electronic equipment in the vicinity. In addition, the demagnetising process is hazardous to health, and so has to be carried out outside of the office or in an insulated environment.

Physical destruction

This term is open to a variety of interpretations. Many professional and commercial shredding service providers use their own techniques to reduce hard disks to small particles. Some companies that do not employ professional shredding service providers rely on dubious methods; they use 20 ton presses or sledgehammers, or disassemble the device and grind the hard disks.

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The Digital Shredder is the safest and most convenient method for erasing hard disks

Methods for wiping hard drives

Requirements	HSM Digital Shredder	Overwriting software	Demagnetisation	Physical destruction
Data is deleted irretrievably	YES	no	maybe ¹	maybe ⁴
Deletion process is controlled and secure	YES	yes	maybe ²	no ²
Deletion log as incontrovertible documentation of the process	YES	no	no ³	no
Simple operation	YES	no	no	no
Can be re-used	YES	yes	no	no

1. The machine's magnetic field may not be strong enough to delete all the data.
2. In many cases, the wiping is done by an external service provider, whose process security cannot be verified.
3. As demagnetisation destroys the hard drive, there is no way to verify whether the process was successful.
4. Depends on the level of destruction.



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