

Magnetic data eraser / degausser **HARDDISK CRUSHER**

# **NEW** HC3400S

**Erase magnetic media instantaneously!**  
**Your best ally against information leakage!**

**Handles even  
the strongest  
perpendicular  
recorded HDDs**

**Charging time**

**18 sec.**

**Can be used  
continuously**



**Newly  
redesigned!**

**Field strength 877.5kA/m!**  
**(11,000 oe)**

**Erasing time 0.1 sec!**

**Even handles drives for servers  
with the highest retention strengths!**



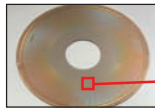
**Also available in black!**

## ■ Specifications

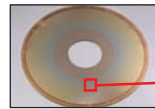
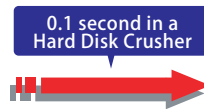
Model no.	HC3400S
Media handled	3.5 inch hard disks for servers, VHS tapes, and all magnetic media
Electrical charging time (per operation)	Approx. 18 sec.
Data erasure time (per operation)	Approx. 0.1 sec.
Magnetic field generated (max.)	877.5kA/m (11,000Oe)
Power requirements	100VAC, 50/60Hz
Rated power consumption	50W
Standby power consumption	20W
Overall dimensions (mm)	190(W)×385(H)×520(D)
Slot size (mm)	45(W)×115(H)×200(D)
Weight	Approx. 26kg
Operating environment	Temp. 5 to 40°C / Humidity max. 80% (non-condensing)
Attachments	User manual; power cable

## Visible results of erasure

### ■ Results of erasing a hard disk drive



Platter before erasure



Platter after erasure

Visible lines show where the hard drive's tracks are recorded, and data are recorded between these tracks.

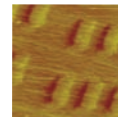
After a Hard Disk Crusher erases the drive, the tracks as well as all recorded data are completely gone.

One or more flat round platters are built into a disk drive, and the surfaces are coated with a magnetically recordable material. Servo track signals are prerecorded in the platters, allowing data to be written between them.

## 5 reasons to trust HARD DISK CRUSHER

### ① Absolute certainty of erasure

- Passed durability testing of 50,000 operations in high heat and humidity.
- Researchers in the Faculty of Engineering, Toyohashi University of Technology used an AFM/MFM microscope to observe the magnetic state before and after erasure. They confirmed that data were completely erased.
- Our company is equipped to verify erasure using magnetic colloidal tests.



Before erasure (MFM image) After erasure (MFM image)

### ② Safe for humans

Mobile phones generate magnetic fields of about 12 mT (milliTesla) and a refrigerator magnet has around 30 mT, but blockers built into the HC3400 keep magnetic fields in its perimeter below 2 mT. At this level there is no effect on the human body. You'll have to look elsewhere for animal magnetism.

### ③ Safe for other electronic devices

The HC3400 has passed safety tests for The Japan Quality Assurance Organization (JQA) along with international organizations such as the European Community (CE mark) and FCC ("This device may not cause harmful interference" to other electrical devices).



### ④ Loaded with safety mechanisms

- Self test before operating
- Automatic test of capacitor condition, every time
- Automatic detection of insufficient power supply
- Internal capacitor discharges even if power is suddenly lost.

### ⑤ Electrical device safety regulations

As a degaussing machine, Hard Disk Crushers are subject to regulations on safety of electrical devices.

Products which do not conform to safety regulations cannot be manufactured, sold, or imported into Japan.



Optional transportation case for HC3400

### HC-BOX3000

For HC3400: Casters attached

The hard exterior and soft interior safely protect your HC3000. Attached handles make it easy to move. Damage prevention combines with ease of use as an ordinary carrying case, making transportation a breeze.



HC-BOX3000: 246(W)×420(H)×591(D)mm/8kg  
Case material: aluminum / Cushion material: urethane foam

Magnetic media checking tools

· Orient Checker  
HC-CHECKER



· Magnetic Check Card  
HC-CHECKCARD



· Colloidal Magnetic Marker  
HC-PEN



ORIENT COMPUTER  
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Pioneer in total security solutions  
for software and hardware

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