

Degausser DG.02

- Hardware erasure!

To remove information from defective drives it will not be possible to use software. To erase defective drives - as well as removable media - such as tapes, diskettes, VHS cassettes, Ibas has designed a powerful degausser. Using the degausser, the media is erased by exposing it to a strong DC magnetic field. This will drive the media into saturation, and effectively erase All information. For hard drives, this method is destructive because the servo and maintenance information is also erased. This means that any drive erased using this method will not work afterwards. Where other "table" degaussers will have problems erasing modern media with high coercivity, the DG.02, with its high performance, erases these media in an excellent way.

The Ibas Degausser DG.02 is used to erase non-operational storage units, as well as removable magnetic media such as tapes, diskettes, VHS cassettes and ZIP drives. The degausser erases media by applying a strong magnetic field to it. This destroys all information recorded on the unit, including calibration and servo information. The information is not recoverable, nor will it be possible to format and reuse the unit. Using the degausser may void the warranty on the unit

To produce a magnetic field, the degausser uses an electromagnet. It produces a magnetic field by passing current through a coil. To provide the large current necessary, the degausser is equipped with a bank of sealed lead-acid batteries. Using the batteries the DG.02 can also be operated in environments where electricity supply is not present.

The degausser is equipped with an advanced Quality Control system, which ensures top performance in any situation. All control buttons and status lights are located on the front panel.

On "table" degaussers that uses AC-current, the operator is forced to hold the media steady with his hands while it is degaussed. For anyone not comfortable with exposure to magnetic fields, we recommend to use DG.02. The DG.02 uses DC-current, and it will therefore be no need for holding the media steady. Using the remote control, the operator will not be exposed to the magnetic field at all.

Since the degausser produces a DC field, it exerts force on magnetic materials, and it may accelerate metal objects. Therefore, the degausser must not be operated if there are small loose objects lying on the top surface. Also never operate the degausser while holding metal objects in your hands close to the top surface.

Degausser DG.02 by Ibas:

- Microprocessor controlled
- Remote controlled
- Built-in QC-system
- Detection of insufficient field strength (magnetism)
- Detection of over heating condition
- Detection of low battery condition
- Field strength: 11500 gauss
- Usage counter
- Complies with US Department of Defence Standard DoD 5220.22M
- Dimensions L x W x H: 600 x 640 x 800 mm
- Weight 150 Kg
- Power Consumption 10 A (220 V, 50 Hz)
- Battery 3 x (12 V, 65 Ah)
- One year warranty



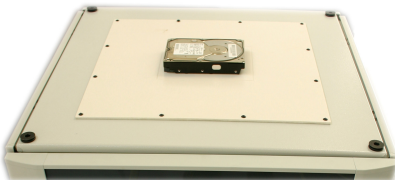
- Easy to operate!

DG.02 is designed to be easy to operate. Use of DC current simplifies the work, and the operator does not need to be exposed to the magnetic field.

The benefits of using DC-current through the coil (like DG.02), instead of using AC-current are:

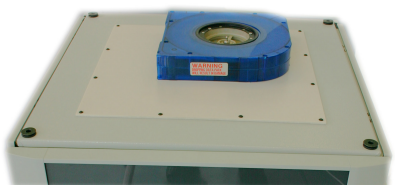
- The user does not need to hold the media fixed into the magnetic field
- The user does not need to use gloves as protection for any heat from the media while it is degaussed
- The user does not need to be exposed for the magnetic field when using the remote control
- Higher capacity: Less than 4 seconds to erase a hard drive
- Higher current gives higher magnetic field for erasing modern medias

The steps needed to erase efficiently and thoroughly all data on different medias are described below.



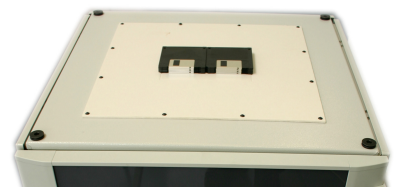
Erasing hard drives

Four clicks per hard drive



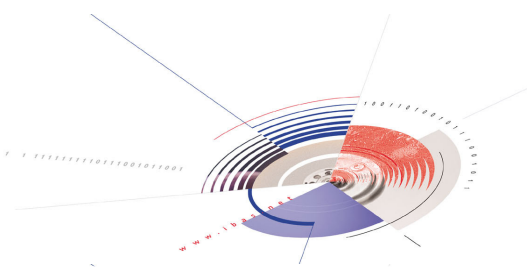
Erasing tapes and videocassettes

One click per side



Erasing diskettes

One click per side of the heap

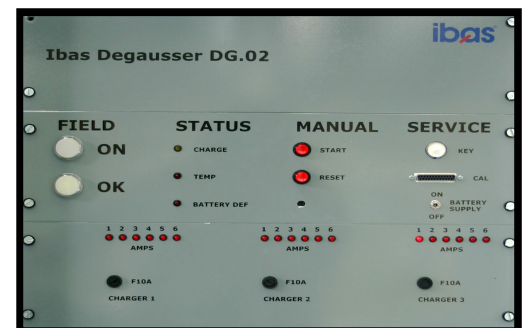


Service and maintenance

The DG.02 was designed to require a minimum of maintenance, and have a built-in QC-system to ensure top performance in any situation. If the QC-system detects a problem, it will be shown on the indicators on the front panel.

The DG.02 unit rely on a bank of sealed lead-acid batteries to deliver the required current. The batteries are maintenance free. However, all such batteries experience aging. How fast a battery ages is based on operating conditions (temperature) and usage patterns. Based on battery specifications, charge/discharge design and expected usage pattern, the expected operating life of the DG.02 batteries are about 4 years.

Although no user calibration is required, the calibration of the QC-system should be checked every 2 years. Ibas provide such a calibration as a service.



DG.02 front panel

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