

## Magnetizer/Demagnetizer EM-T

- **Features**

- **3 in 1:**
  - Magnetization
  - Demagnetization
  - Calibration
- Cycle time 1 s
- Stepless setting of magnetizing amplitude
- Siemens PLC control
- Digital operating panel
- 24 V interface
- Plug-in type connection of magnetizing fixtures
- Temperature monitor and interlock for magnetizing fixtures
- Control of an external measuring device and import of measured values
- compact, space saving design
- 12 months warranty in single shift operation



- **Description**

Our small, compact device to magnetize, demagnetize and calibrate AlNico and Ferrite magnets.

The current in the magnetizing fixture is produced by using a portion of the sinusoidal AC line voltage. The magnetizing voltage can be set to any value within the operating range of the device. Magnetization is possible in both the positive and negative direction. An alternating current (AC waveform) with adjustable amplitude can be used for the demagnetization function. The combined use of magnetizing and demagnetizing impulses allows for the calibration of magnets and magnet systems.

The EM-T can operated via display and keypad or externally via the 24 V interface.

Together with the temperature monitor and interlock with the fixtures a continuous monitoring of the magnetizing process is assured.

## • View



Front

Rear

## • Technical data

Max. demagnetizing current	16 A
Max. magnetizing current	100 A
Function	A / D / AD
Short circuit protection	Yes
Min. cycle time	1 s
Interface	24 V
Mains	1-phase: 230 V AC $\pm$ 10 %, 50/60 Hz, 16 A
Dimensions (mm)	
Width	510 mm
Depth	480 mm
Height	170 mm
Weight	12 kg (26 lb)

Max. coil sizes	Ferrite: $\varnothing$ 10 mm x 60 mm AlNiCo: $\varnothing$ 32 mm x 60 mm
Compatible external measuring device	Fluxmeter EF-5, EF-14 Gaussmeter FH-55

Technical data are subject to change..

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