



i Mag™ Micromag MAGNETIZER



Our best-selling magnetizer of all time

i Mag™ Micromag is a low energy magnetizer designed for small coils. The internal capacitors can be adjusted to emit a total energy of up to 2700 J – 3000 V. It can be set to either magnetize only or to demagnetize only and can be connected to 2 magnetizing fixtures. This model also features touch screen display with HMI interface.

Safer operation is built into the design. If a panel is removed or the front or rear doors are not securely closed, the i Mag™ Micromag will not operate.

KEY BENEFITS

- Built-in safety features
- Compact size
- Current peak detector embedded
- Wide range of capacitance and voltage, either low voltage/high capacitance (for wider pulse) or high voltage/low capacitance (short pulse width)

STANDARD CONFIGURATION



touch screen
HMI



fast connectors



current peak
detector

TECHNICAL SPECS

Voltage range	up to 700 V / up to 3000 V
Capacitance	150 μ F / 2000 μ F 300 μ F / 4000 μ F 450 μ F / 6000 μ F 600 μ F / 8000 μ F
Voltage resolution	1 V
Maximum current	20 kA
Power supply	200-230 V AC, 50-60 Hz, single phase + ground, 10 A cable lenght 6 m, plug: CEI-EN-60309-1
Input/output interface	24 V DC / RS 232
Remote service (optional)	LAN (Ethernet) or Wi-Fi
Fast connectors	maximum size 50 mm ²
Dimensions	L 655 x W 800 x H 450 mm - L 25.8 x W 31.5 x H 17.7 inches
Weight	70 kg - 155 lb
Colors	Aluminum frame (front panel black)
Current peak detector	Embedded
Touch screen	5" colors



OUTPUTS - POSSIBLE CONFIGURATIONS

SINGLE

- Magnetization
- Magnetization with automatic polarity inversion

APPLICATIONS

- Magnetization to saturation for all types of magnetic assemblies
- Demagnetization/treating
- Knock down
- Electric motors
- Speakers
- Clutches
- Stickers
- Single magnets
- Sensor disks
- Actuators
- Relays
- RCDS



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MAGNETIZING STATIONS



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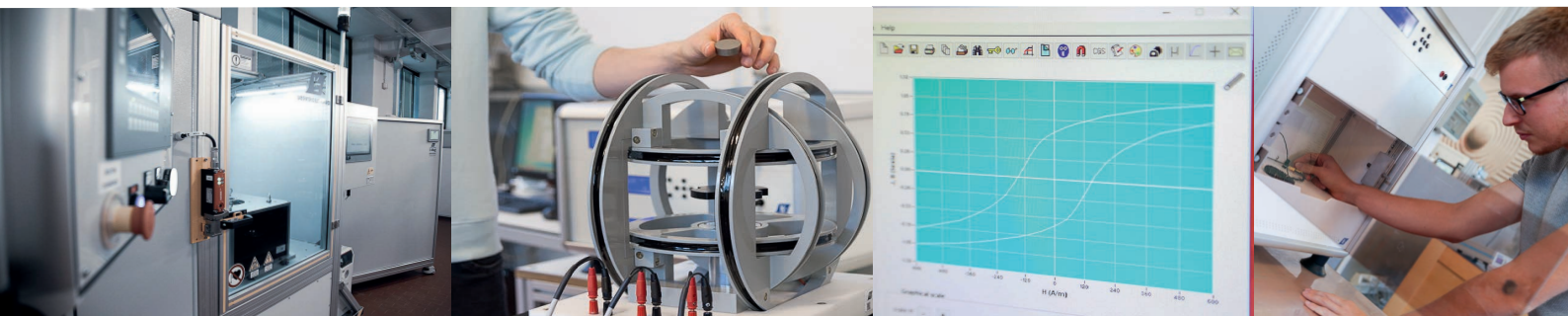
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We reserve the right to make changes to these specifications without notice.
For more details, visit: www.laboratorio.elettrofisico.com