



Laboratorio Elettrofisico
LE GROUP



MAGNETIZERS

i Mag™ **Micromag**

The internal capacitors can be adjusted to discharge a total energy of up to 2700 J - 3000 V. It can be set to either magnetize only, demagnetize only or both. It can be connected to 2 magnetizing fixtures.

i Mag™ MICROMAG

DESCRIPTION

i Mag™ Micromag is a low energy magnetizer designed for small coils. This model also features touch screen display with HMI interface.

KEY BENEFITS

- Wide range of capacitance and voltage, either low voltage/high capacitance (for wider pulse) or high voltage/low capacitance (short pulse width)
- Small dimensions for applying the unit in complex lines in hidden points. Profinet® for an easy interface with a production line

CONFIGURATIONS

- Single/Double Output
- Magnetization
- Demagnetization
- Mag/Demag settable via software
- Polarity inversion (Auto/Manual mode)
- Embedded current meter (optional)
- Remote connection module (optional)
- Profinet® present in all versions

TECHNICAL SPECIFICATIONS

GENERAL

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
ACCURACY	5%
MINIMUM CYCLE TIME	5 sec
MAXIMUM CURRENT	20 kA
POWER SUPPLY	230 V - 20 A
INPUT/OUTPUT INTERFACE	24 VDC / RS 232 / PROFINET®
REMOTE SERVICE (OPTIONAL)	LAN (Ethernet) or Wi-Fi
QUICK CONNECTORS	Fast connectors single coil
DIMENSIONS	L 655 x W 800 x H 450 mm - L 25.8 W 31.5 x H 17.7 inches
WEIGHT	70 kg - 155 lb
COLORS	Aluminium frame natural anodized
CURRENT PEAK DETECTOR	Embedded
TOUCH SCREEN	5" colors



Laboratorio Elettrofisico
LE GROUP



CONTACT US

www.laboratorio.elettrofisico.com

**EUROPE
HEADQUARTERS**

- 📍 Italy, Nerviano (Milan)
- ☎ +39 0331 589 785
- ✉ italy@elettrofisico.com

USA

- 📍 Michigan, Lake Orion
- ☎ +1 248 340 7040
- ✉ usa@elettrofisico.com

CHINA

- 📍 Shanghai, Chang Shou Lu
- ☎ +86 135 2439 6693
- ✉ china@elettrofisico.com

VIETNAM

- 📍 Hanoi, Anh Minh Building
- ☎ +84 964 174 291
- ✉ vietnam@elettrofisico.com