



Laboratorio Elettrofisico  
**LE GROUP**



## MAGNETIZERS

# i Mag™ Microcal

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The i Mag™ Microcal Magnetizer is a small but highly precise unit, ideal for special applications, perfect for interfacing with external instrumentation.

# i Mag™ MICROCAL

## DESCRIPTION

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The i Mag™ Microcal Magnetizer is a frequent choice for both industrial production and lab research, with precision control options and high accuracy.

## KEY BENEFITS

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- All-in-one magnetization and demagnetization, as well as treating
- Ideally suited for mass production and research labs
- Designed to configure with fluxmeters, custom coils, and more
- Wide range of capacitance and voltage, either low voltage/high capacitance (for wider pulse) or high voltage/low capacitance (short pulse width)

## CONFIGURATIONS

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- Single Output
- Magnetization
- Demagnetization
- Mag/Demag settable via software
- 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 $\mu$ F / 2000 $\mu$ F
	300 $\mu$ F / 4000 $\mu$ F
	450 $\mu$ F / 6000 $\mu$ F
	600 $\mu$ F / 8000 $\mu$ F
VOLTAGE RESOLUTION	1 V
VOLTAGE ACCURACY	$\pm$ 0,5%
MINIMUM CYCLE TIME	5 sec
MAXIMUM CURRENT	20 kA
POWER SUPPLY	230 V - 16 A
INPUT/OUTPUT INTERFACE	24 VDC / RS232 / PROFINET®
REMOTE SERVICE (OPTIONAL)	LAN (Ethernet) or Wi-Fi
QUICK CONECTORS	Fast connectors up to three coils
DIMENSIONS	L 655 x W 800 x H 450 mm - L 25.8 x W 31.5 x H 17.7 inches
WEIGHT	80 kg - 176 lb
COLORS	Aluminium frame natural anodized
CURRENT PEAK DETECTOR	Embedded
TOUCH SCREEN	5" colors



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**CONTACT US**

[www.laboratorio.elettrofisico.com](http://www.laboratorio.elettrofisico.com)

**EUROPE  
HEADQUARTERS**

- Italy, Nerviano (Milan)
- +39 0331 589 785
- [italy@elettrofisico.com](mailto:italy@elettrofisico.com)

**USA**

- Michigan, Lake Orion
- +1 248 340 7040
- [usa@elettrofisico.com](mailto:usa@elettrofisico.com)

**CHINA**

- Shanghai, Chang Shou Lu
- +86 135 2439 6693
- [china@elettrofisico.com](mailto:china@elettrofisico.com)

**VIETNAM**

- Hanoi, Anh Minh Building
- +84 964 174 291
- [vietnam@elettrofisico.com](mailto:vietnam@elettrofisico.com)