



MAGNETIZERS

i Mag™ Microcal

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

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

- 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

- 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 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
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



CONTACT US

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