



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



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