



The high-efficiency magnetizer made for big jobs

Meet the all-new i Mag™ Master. This high-efficiency magnetizer was designed for complex applications where high fields and/or large amounts of material have to be magnetized. Achieve the exact pulse with a wide range of configurations from low to high voltage and low to high capacitance. The magnetizer also features several discharging output configurations for maximum flexibility.

KEY BENEFITS

- Works with two magnetizing coils
- Goes where you need it, built-in castors
- H-Bridge for polarity inversion
- High-efficiency in a compact size

STANDARD CONFIGURATION



CASTORS



ALLUMINIUM FRAME
COLOR



TOUCH SCREEN
HMI



FAST CONNECTORS

TECHNICAL SPECS

Voltage range	up to 800 V / up to 3500 V
Capacitance	15000 µF / 1100 µF 30000 µF / 2200 µF 45000 µF / 3300 µF 60000 µF / 4400 µF
Voltage resolution	1 V
Minimum cycle time (3500 V)	1100 µF: 5 sec 2200 µF: 10 sec 3300 µF: 13 sec 4400 µF: 16 sec
Maximum current	25 kA
Power supply	220 V AC, 380 V AC, 480 V AC, 50-60 Hz, 3ph + ground, 20 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
Quick connectors	maximum size 50 mm ²
Dimensions	L 830 x W 750 x H 1320 mm - L 32.6 x W 29.5 x H 51.9 inches
Weight	418 kg - 921 lb
Colors	Natural anodized aluminum frame and panels
Current peak detector	Embedded
Touch screen	5" colors

OUTPUTS - POSSIBLE CONFIGURATIONS

SINGLE	<ul style="list-style-type: none">• Magnetization• Magnetization, Demagnetization (damped oscillating)• Demagnetization (damped oscillating)• Magnetization with automatic polarity inversion
DUAL	<ul style="list-style-type: none">• Magnetization

