



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



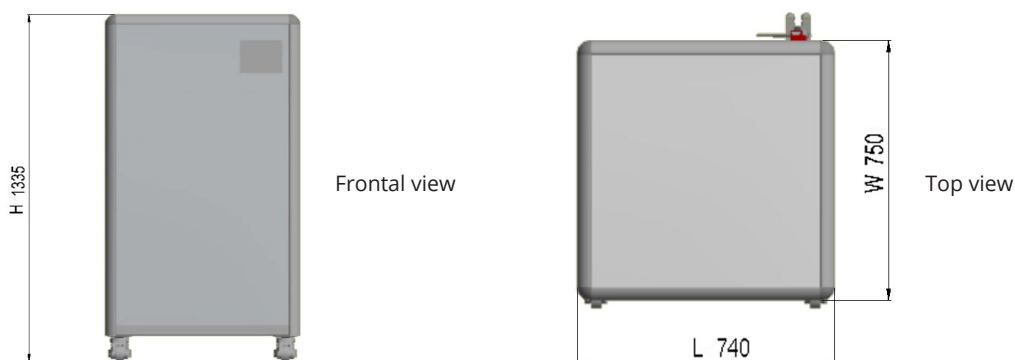
TOUCH SCREEN
HMI



FAST CONNECTORS

TECHNICAL SPECS

Voltage range	up to 800 V / up to 3500 V
Capacitance	15000 μ F / 1100 μ F 30000 μ F / 2200 μ F 45000 μ F / 3300 μ F 60000 μ F / 4400 μ F
Voltage resolution	1 V
Minimum cycle time (3500 V)	1100 μ F: 5 sec 2200 μ F: 10 sec 3300 μ F: 13 sec 4400 μ F: 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 740 x W 750 x H 1335 mm L 29.1 x W 29.5 x H 52.5 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



LABORATORIO ELETTROFISICO

CUSTOM
MAGNETIZING FIXTURES



HIGH EFFICIENCY
MAGNETIZERS



MAGNETIZING STATIONS



MAGNETIZING SYSTEMS FOR INDUSTRY 4.0 AND MEASURING EQUIPMENT FOR ALL MAGNETIC MATERIALS

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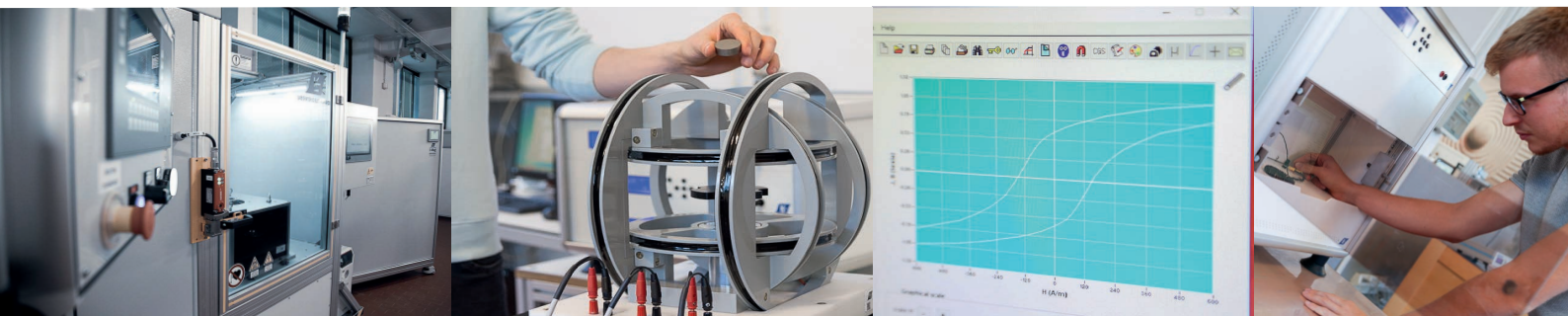
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Founded in 1959, Laboratorio Elettrofisico is a global company specializing in the engineering, design, and manufacture of the world's most precise magnetizing and magnetic measuring equipment. Headquartered in Milan, LE has laboratories, testing facilities, support staff, and services centers in the United States, India, and China.

We reserve the right to make changes to these specifications without notice.
For more details, visit: www.laboratorio.elettrofisico.com