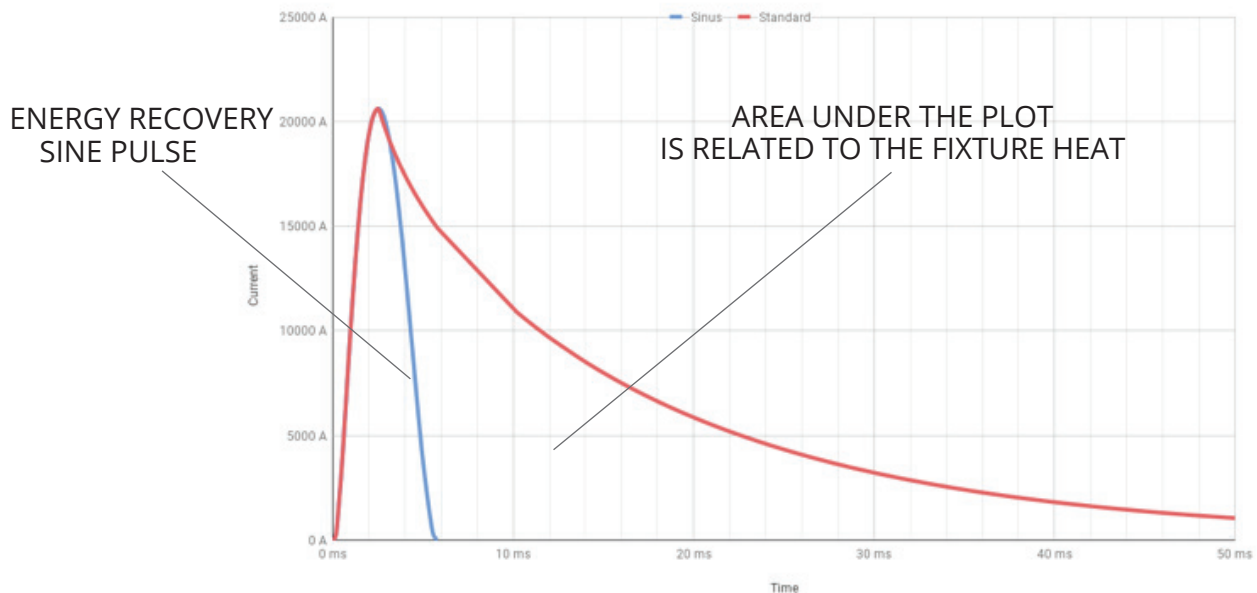




Meet the brand new i Mag™ Master PLUS magnetizer. This is a high energy, high power magnetizer. It is a first-rate efficiency capacitor discharging device, designed for in-situ big assembly magnetization, such as exterior or interior rotors of PM brushless motors (included nowadays highly developing EV IPM), or big magnets volume magnetization and as bulk magnets magnetization. The magnetizer also features several discharging configurations for maximum flexibility, included the energy recovering narrow sine pulse which improves the cycle time up to 50% in most of the cases.



STANDARD CONFIGURATION



CASTORS



ALLUMINIUM FRAME
COLOR



TOUCH SCREEN
HMI



FAST CONNECTORS

TECHNICAL SPECS

Max Energy	55 kJ
Voltage range	up to 3500 V
Capacitance	up to 8800 μ F
Voltage resolution	1 V
Maximum current	25 kA
Power supply	380 V AC, 50-60 Hz, 3ph + ground, 32 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
Dimensions	L 1250 x W 750 x H 1350 mm; L 49" x W 30" x H 53"
Colors	Aluminum Frame, Anodized Panel
Current peak detector	Embedded
HMI	Touch screen 5" colors



OUTPUTS - POSSIBLE CONFIGURATIONS

SINGLE	Magnetization Magnetization-Demagnetization (damped oscillating) Demagnetization (damped oscillating) Magnetization with automatic polarity inversion
DUAL	Magnetization
TRIPLE	Magnetization



LABORATORIO ELETTROFISICO

CUSTOM
MAGNETIZING FIXTURES



HIGH EFFICIENCY
MAGNETIZERS



MAGNETIZING STATIONS



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

EUROPE | ITALY (HQ)

Via G. Ferrari 14
Nerviano, MI 20014
+39 0331 589785

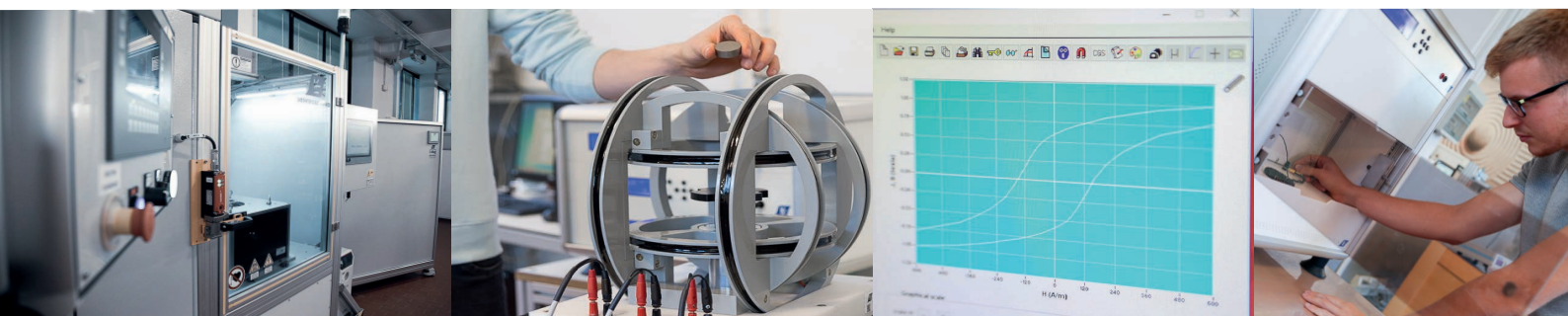
USA | MICHIGAN

40 Englewood Drive, Suite H
Lake Orion, MI 48359
+1 248 340 7040

CHINA | SHANGHAI

389 Zhao Jia Jing Lu, building 4,
Songjiang Qu, Shanghai Shi, 201613
+86 21 5401 9806

Contact us: sales@elettrofisico.com



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