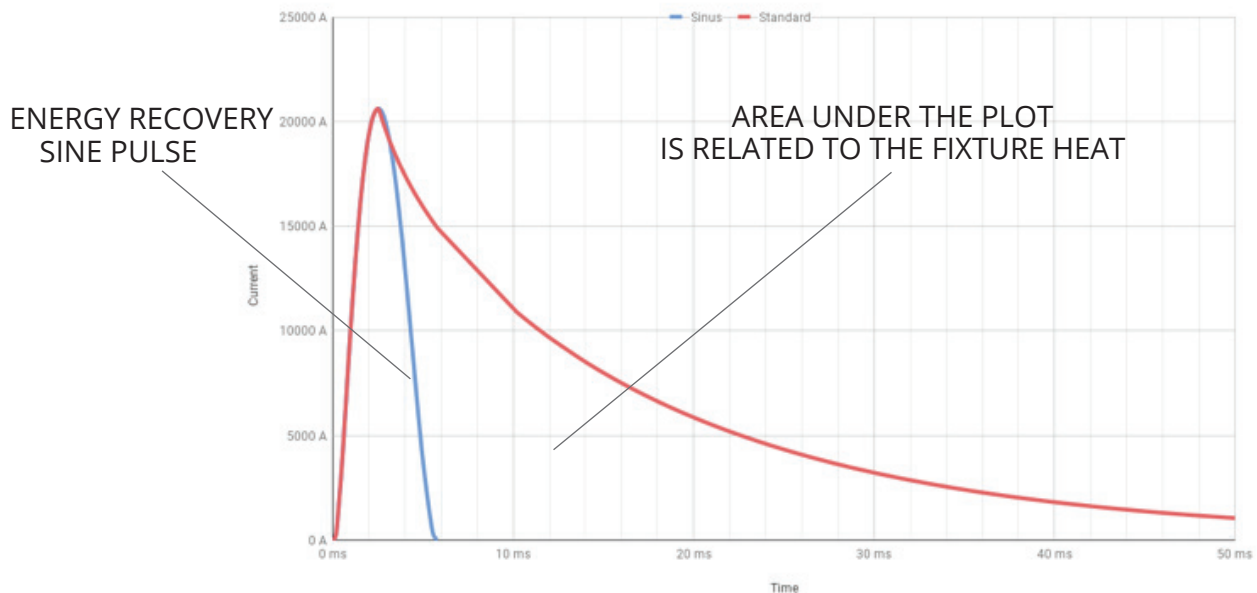




Meet the brand new i Mag™ Master PLUS magnetizer. This is a high energy, high power magnetizer. It is a first-rate efficiency capacitor discharging device, designed for in-situ big assembly magnetization, such as exterior or interior rotors of PM brushless motors (included nowadays highly developing 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 $\mu$ F   |
| Voltage resolution           | 1 V  |
| Maximum current              | 25 kA  |
| Power supply                 | 380 V AC, 50-60 Hz, 3ph + ground, 32 A<br>cable lenght 6 m, plug: CEI-EN-60309-1 |
| Input/output interface       | 24 V DC / RS-232   |
| Remote service<br>(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<br>Magnetization-Demagnetization (damped oscillating)<br>Demagnetization (damped oscillating)<br>Magnetization with automatic polarity inversion |
| DUAL   | Magnetization  |
| TRIPLE | Magnetization  |



## LABORATORIO ELETTROFISICO

CUSTOM  
MAGNETIZING FIXTURES



HIGH EFFICIENCY  
MAGNETIZERS



WORKSTATIONS  
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Founded in 1959, Laboratorio Elettrofisico is a global company specializing in engineering, designing, and manufacturing 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.  
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