

MT-360 Rechargeable Rotating Field Yoke

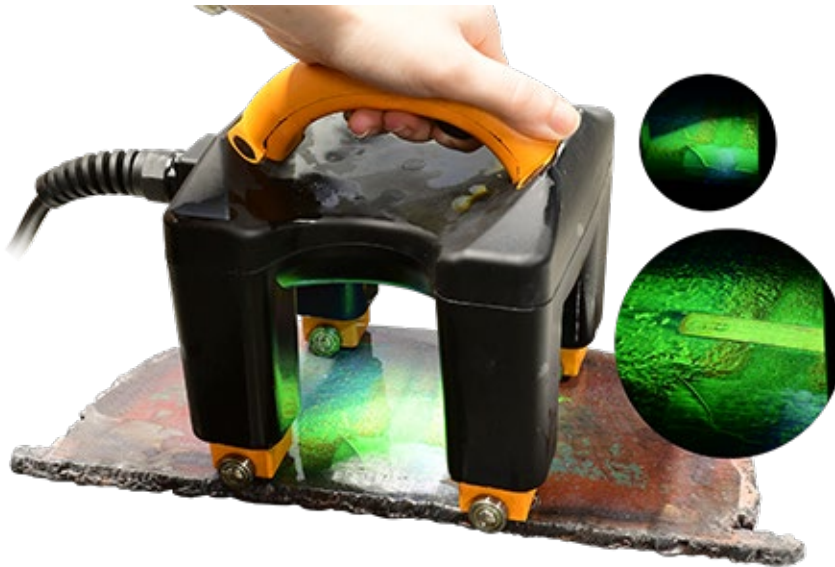


Overview

The MT-360 Rechargeable Rotating Field Yoke is a rugged, field-ready magnetic particle inspection system. Its unique rotating magnetic field allows for full 360° detection of surface and subsurface discontinuities without reorienting the yoke. The rechargeable lithium-ion battery provides several hours of continuous use, ideal for field or workshop inspections.

Dimensions

- Length: 10.5 in (267 mm)
- Width: 2.8 in (71 mm)
- Height: 3.0 in (76 mm)
- Weight: 7.2 lb (3.3 kg) including battery



Features

- Rechargeable battery operation (up to 8 hours typical)
- Rotating magnetic field for multi-directional detection
- AC, DC, and Inversion operation modes
- IP65 rated – dust tight and water resistant
- Rugged housing designed for field environments
- Exceeds ASTM and ASME requirements



Technical Specifications

Parameter	Specification
Yoke	
Lifting Force	40 lbs. (18 kg)
Probe Pole Distance	4.4" x 4.4" (110 x 110 mm)
Lift-Off Gap	≈ 0.020" (0.5mm)
White Light Illumination	≥ 185 ft. candles (2000 Lux)
Probe Size (HxWxL)	6.2" x 7" x 7" (155 x 175 x 175 mm)
Probe Weight	8.4 lbs. (3.8 kg)
Operating Modes	AC, DC and Inversion
Operation	Rechargeable Li-Ion battery operation
Certification	Exceeds ASTM and ASME requirements
Rating	IP65 dust tight and water resistant
Battery	
Battery Voltage	14.8V
Battery Capacity	12000mAh
Working Hours	4-5 hours continuous; 8 hours typical use
Temporary Load Rate	100%
Battery Weight	2 lbs. (0.89 kg)
Charger Size	9.6" x 4.1" x 2.6" (240 x 103 x 66 mm)
Charger Weight	3.7 lbs. (1.72 kg) including battery



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Accessories

- Replacement battery pack
- Battery charger and power adapter
- Shoulder/belt carry kit
- LED UV light attachment
- Calibration test bar

Kit Includes

- MT-360 Rechargeable Rotating Field Yoke
- Rechargeable battery pack
- Power supply and charger
- Belt-mounted battery holster
- Operator's manual and carrying case