



MAGNAFLUX®

Magnetic Particle Inspection Yokes

Magnaflux magnetic particle inspection (MPI) testing yokes are designed to be fast and reliable. Versatile and durable for industrial environments magnetic yokes come in a range of outputs, including AC and DC.



Y-2
Ergonomic, lightweight, sealed and servicable electromagnetic AC yoke finds surface indications during magnetic particle testing

Part Numbers

628560 - Y-2 AC Yoke 220V

* 628557 - Y-2 AC Yoke Kit



* Yoke kits pictured only



Y-7
Durable, high-strength electromagnetic AC/DC yoke finds surface and sub-surface indications during magnetic particle testing

Part Numbers

625644 - Y-7 AC/DC

Yoke 230V

* 620741 - Y-7 AC/DC Yoke Kit



Y-8 MV Kit
Battery-powered, electromagnetic DC yoke and magnet

Part Number

* 630540 - Y-8 MV Kit



Y-2 Yoke Light

Yoke light to use with Magnaflux T-2 AC electromagnetic yokes

Part Number

628840 - Y-2 Yoke Light



Yoke Test Weight

Test weight to use with Magnaflux AC electromagnetic yokes

Part Number

624115 - Yoke Test Weight

Part Number	Y-2 Yoke	Y-7 Yoke	Y-8 MV Kit
NDT Method	<ul style="list-style-type: none"> • Visible Magnetic Particle Testing • Fluorescent Magnetic Particle Inspection 		
Features	<ul style="list-style-type: none"> • Ergonomic and light weight design • Extra strength field swappable cord and switch 	<ul style="list-style-type: none"> • Classic design • Switchable AC or DC modes 	<ul style="list-style-type: none"> • Classic design • Portable DC battery powered
Waveform	AC	AC/DC	DC
Defect Location	Surface	Surface and Subsurface	Subsurface (and some surface)
Electrical Requirements	110-115V, 60 Hz 4.3 A max or 50 Hz 6.3 A max 220-230 V, 50/60 Hz: 2.6 A max	115V - 60 Hz: 6.0 A 220/230 V - 50/60 Hz: 2.7 A	Battery charger current draw USA version: 1.25A Max at 115V Global version: 0.2A max at 100 - 240V
Cord Length	Detachable; 12 ft (3.6 m)	12 ft (3.7 m)	N/A; Battery operated
Duty Cycle	50%, max on time 90 seconds	25%, max on time 90 seconds	25%, max on time 90 seconds
Yoke Weight	2.2 kgs (4.8 lb)	115V: 3.4 kgs (7.4 lb) 220/230V: 3.3 kgs (7.2 lb)	3.6 kgs (8 lb) 2.4 kgs (5.2 lb) - Battery
Leg Span	6.4 - 27 cm (2.5 - 10.5 in)	5.1 - 30 cm (2 - 12 in)	5.1 - 27.9 cm (2.0 - 11.0 in)
Specifications Compliance	ASME BPVC, ASTM E709, ASTM E1444, ASTM E3024, ISO 9934-3, MIL-STD-271		



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