

Y-8

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AC/DC Electromagnetic Yoke



The Y-8 is a durable, high-strength AC/DC magnetic yoke designed to Detect surface and sub-surface indications in the most rugged applications.

Featuring sealed chemical-resistant construction, articulating legs to contour to any part shape and robust strain-relieved power cord for field use, the Y-8 is ideal for inspection of welds and other remote testing.

Solid-state controls allow the operator to use AC magnetic fields for surface Indications or DC magnetic felds for sub-surface indications, to meet all inspection needs.

The Y-8 is also available as a kit, complete with a Y-8 yoke, one 7HF black magnetic ink aerosols, one WCP-2 white contrast paint aerosol, a wire brush and a cloth in a carrying case.

FEATURES

- Sealed, durable construction
- Chemical and abrasion resistant
- AC and DC operation options for surface and sub-surface inspection
- Exceeds ASTM lifting specifications
- Individual serial number on each yoke
- Articulated, double-jointed legs
- Solid state controls for safety and reliability
- Demagnetising capability

SPECIFICATION COMPLIANCE

- ASME Section V, Article 7
- ASTM E709
- ASTM E1444
- EN-ISO 9934-3
- MIL-STD-271 (SH)

APPLICATIONS

Defect location:

- Surface and subsurface

Ideal for:

- Field testing
- Spot inspections
- In-service inspections
- Demanding environments
- Weld inspection

Defect examples:

- Inclusions
- Seams
- Shrink cracks
- Tears
- Laps
- Welding slag
- Grinding cracks
- Quenching cracks
- Fatigue cracks

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All our Y-8 yokes carry the conform from ASNT NDT level III Experts.

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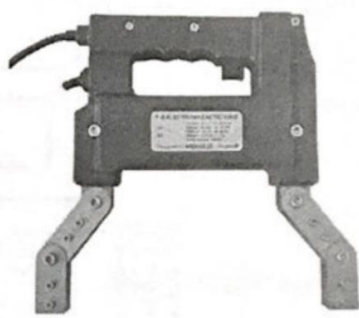
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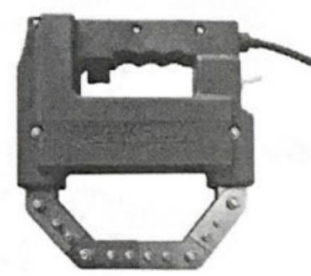
Tehran, Tehransar



PRODUCT PROPERTIES

Weight	3.2 kg	
Leg Span	25 - 305 mm	
Cord Length	3 m	
Duty Cycle	60%	
AC voltage	220 V Ac	
DC voltage	Pulsed	
Frequency	50/60 Hz	
Current draw	(AC) 2 Amp	
Lifting power	(AC) 4.53 kg (10 lbs) (DC) 22.7 kg (50 lbs)	

USER RECOMMENDATIONS

NDT Method	Magnetic Particle Testing	
Accessories	Magnetic Indicator Blocks	
	Certified Test Weight Blocks	
	Polysray	
	Powder Dispenser	

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NOTICE

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- DO NOT change AC-DC system when operate the Yoke
- DO NOT use the YOKE when it becomes wet
- DO NOT use the supply cable to pull, lift or carry the equipment
- DO NOT smoke while performing Non Destructive Testing (NDT)
- Keep far from people with body-implanted devices (e.g. pacemakers): at least 5m .

