

PY-8

Permanent Magnetic Yoke

The PY-8 is a durable, high-strength Permanent 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 PY-8 is ideal for inspection of welds and other remote testing. Solid-state controls allow the operator to use magnetic fields for surface Indications or magnetic fields for sub-surface indications, to meet all inspection needs.

The PY-8 is also available as a kit, complete with a PY-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
- 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:

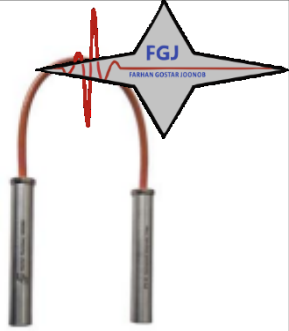
- Field testing
- Spot inspections
- In-service inspections
- Demanding environments
- Weld inspection

Defect examples:

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

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

PRODUCT PROPERTIES

Weight	0.9 kg	
Leg Span	0 - 305 mm	
Cord Length	35 cm	
Duty Cycle	100%	
AC voltage	---	
DC voltage	---	
Frequency	---	
Current draw	---	
Lifting power	18.2 kg (40 lbs)	

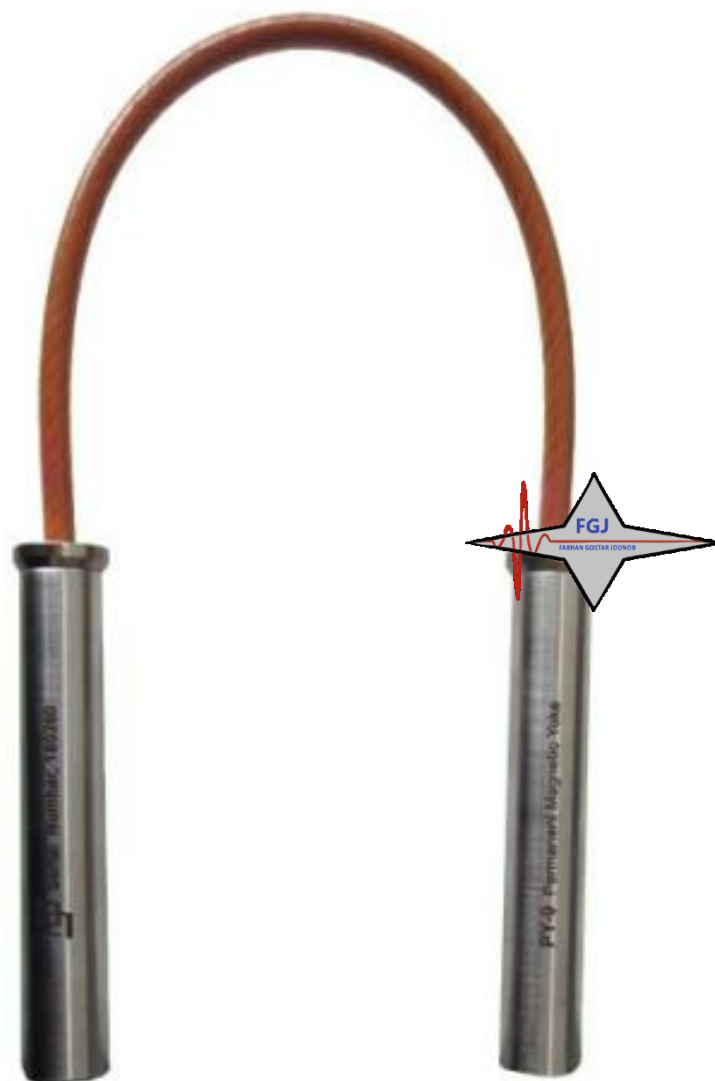
USER RECOMMENDATIONS

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

NOTICE

- 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 .

COMPONENTS AND OPERATING ELEMENTS



Certificate of Conformity

PY-8 Permanent Magnetic Yoke

Certified that the above item conforms to and meets the requirements of the following:

EC Directives

2006/95/EC

2014/30/EC

Specifications

ASME V ART7

ASTM E709

ASTM E1444

EN-ISO 9934-3

MIL-STD-271

Certificate is issued under the auspices of the Equipment

Date of manufacture

Guatanty Exp date

Serial number

Signature

+982165565901

+982144584619

+989034119385

پتروفرهان گستر جنوب

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