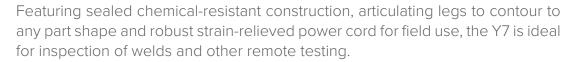


Y7

AC/DC Electromagnetic Yoke

The Y7 is a durable, high-strength AC/DC magnetic yoke designed to detect surface and sub-surface indications in the most rugged applications.





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

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 maximum safety and reliability
- Demagnetising capability

SPECIFICATION COMPLIANCE

- ASME Boiler and Pressure Vessel Code Section V, Article 7
- ASTM E709
- ASTM F1444
- EN-ISO 9934-3
- MIL-STD-271 (SH)

All our Y7 yokes carry the CE mark and conform to the appropriate European Union directives.

APPLICATIONS

Defect location: Surface and sub surface

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





PRODUCT PROPERTIES

Weight	4.1 kg
Leg Span	0 - 300 mm
Cord Length	3.7 m
Duty Cycle	33%, max on time is 80 seconds
AC voltage	230 V
DCvoltage	Pulsed
Frequency	50/60 Hz
Current draw (AC)	5 A or 2 A

USER RECOMMENDATIONS

NDT Method	Magnetic Particle Testing
Accessories	Magnetic Indicator Strips (008M004, 008M005)
	Certified Test Weight (624115)
	Polysray (004G004)
	Powder Dispenser (008D003)

PART NUMBER

001Y018