

Y8

DC Battery-powered Electromagnetic Yoke

The Y-8 is a battery-powered, DC electromagnetic yoke designed to stand up to the most rugged applications. True portability for magnetic particle inspection in the field and remote locations is achieved through a compact battery pack which provides a full 8-hour shift of inspection power.



FEATURES

- Sealed, durable construction
- Chemical and abrasion resistant
- True portability with compact battery pack
- Exceeds ASTM lifting specifications
- Individual serial number on each yoke
- Articulated, double-jointed legs
- Solid state controls for maximum safety and reliability

APPLICATIONS

Ideal for:

- Field testing
- In-service inspections
- Demanding environments
- Remote sites

Defect examples:

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

SPECIFICATION COMPLIANCE

- ASME Boiler and Pressure Vessel Code Section V, Article 7
- ASTM E709
- ASTM E1444

All our Y8 yokes carry the CE mark and conform to the appropriate European Union directives.

PRODUCT PROPERTIES

Weight	Yoke: 3.8 Kg Battery: 2.2 Kg Charger: 1.3 Kg.
Leg Span	25 - 250 mm
Duty Cycle	33%, max on time is 20 seconds
AC voltage	100 - 240 V*
DC voltage	6 V
Frequency	50/60 Hz
Current draw (AC)	1.5 A

* Battery charger AC voltage

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USER RECOMMENDATIONS

NDT Method	Magnetic Particle Testing
Accessories	Magnetic Indicator Strips (008M004, 008M005) Certified Test Weights (026T018A, 026T018B) Polysray (004G004) Powder Dispenser (008D003)

PART NUMBER

001Y024

Supplied with a dual UK/EU plug, battery, battery charger (see photo below) and battery carry case.

