Y6

AC Electromagnetic Yoke

The Y6 is a durable, lightweight AC magnetic yoke designed for reliable, one-person detection of surface and sub-surface indications.

Featuring sealed chemical-resistant construction, articulating legs to contour to any part shape and robust strain-relieved power cord for field use, the Y6 is ideal for inspection of welds and other remote testing.

FEATURES

- Sealed, durable construction
- Chemical and abrasion resistant
- Exceeds ASTM lifting specifications
- Individual serial number on each yoke
- Articulated, double-jointed legs
- Demagnetising capability

APPLICATIONS

Defect location: Surface and sub surface

Ideal for:

- Field testing
- Difficult to reach areas
- Spot inspections
- In-service inspections
- Weld inspection

Defect examples:

- Seams
- Tears
- Shrink cracks
- Grinding cracks
- Quenching cracks
- Fatigue cracks

SPECIFICATION COMPLIANCE

- ASME Boiler and Pressure Vessel Code Section V, Article 7
- ASTM E709
- ASTM E1444
- ASTM E3024
- EN-ISO 9934-3
- MIL-STD-271

All our Y-6 yokes carry the CE mark and conform to the appropriate European Union directives.

USER RECOMMENDATIONS

NDT Method	Magnetic Particle Testing
Accessories	Magnetic Indicator Strips (008M004) Certified Test Weight: (624115)

Y6

PRODUCT PROPERTIES

Waveform AC	AC
Leg Span / Pole Spacing	2.0-11.0 in / 5.1-27.9 cm
Leg / Pole Contact Size	1.00 x 1.00 in / 25.4 x 25.4 mm
Cord Length	12 ft / 3.7 m
Electrical Plug	EU Type F plug with UK type G adapter
Duty Cycle	25%, maximum on time 90 sec
Lift Strength (4-6 in / 100-150 mm spacing)	> 10 lb / 4.5 kg
Magnetic Field	5kA/m value at 220v 50hz
Dimensions	7.5 x 2.0 x 10 in / 190 x 51 x 254 mm
Weight	8.0 lb / 3.6 kg
Ingress Protection (IEC 60529)	IP 54
Grounding (IEC 60529)	Class 1 with partial Class 2 insulation
Electrical	230 VAC, 50/60 Hz, 2.7 A max
Environmental	32-120°F / 0-49°C, up to 100% RH non-condensing, up to 16,300 ft / 5,000 m altitude
Regulatory	Designed for Mains +/- 10%, Overvoltage Category II, Wet locations, Pollution Degree 2 environment

PART NUMBER

630450