

MY-2 ELECTROMAGNETIC AC YOKE

DATA SHEET



The MY-2 electromagnetic AC yoke is a low cost, portable instrument which provides fast and accurate defect detection in ferrous metals. The yoke features a dual coil which induces a powerful magnetic field providing maximum lifting power and flux density without uncomfortable heating.

The adjustable poles are ideal for inspecting components of different geometry, welds, castings and onsite inspection / repairs, especially where there is limited access.

The chemical and impact resistant body ensures ruggedness and has been designed with operator comfort in mind.

The instrument features AC or DC operation when used in conjunction with an AC/DC converter.

AC operation is sensitive for the detection of surface breaking defects such as linear cracks, stress corrosion, porosity, laminations and cold laps.

DC operation accurately detects sub-surface flaws such as porosity, internal forging bursts, stringers and hot tears.

The high performance MY-2 yoke is one of the smallest, lightest and most durable hand-held yokes on the market and complies with all relevant international standards.



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Technical Specifications

Weight:	2.4 kg
Power Supply:	110V/220V AC - 60/50Hz
Distance Between Poles:	25mm - 185mm (Adjustable)
Legs:	Standard with articulating legs
Pole Cross Section:	20 x 22mm
Lifting Power:	4.5 kg (AC)
Current in Air:	2.5 Amps

Features

Lightweight

Powerful AC magnetic field

Dual length articulating legs

Ergonomic comfort-grip handle

Rugged & Reliable

Water-resistant

Replaceable micro switch

DC/AC inverter

AC/DC converter

Robust carrying case

Inverter accessory belt

Test weight (4.5 kg & 18 kg)

UV lights & torches

M.P.I consumables

Magnetic flux indicators

Gauss meter

Centrifuge tube and stand



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