

## MP-A2 KDE/ Sentinel YOKE

### DATA SHEET



The KDE MP-A2 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 ML-A2 yoke is one of the small-est, lightest and most durable hand-held yokes on the market and complies with all relevant international standards.

# MP-A2 ELECTROMAGNETIC AC YOKE - DATA SHEET

## Technical Specifications

Weight:	2.2 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

## Optional Accessories

- 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



MP-100 AC/DC Yoke



WHITE LED LEG LIGHT



UV LED LEG LIGHT



MP-A2D Battery Powered Yoke



365nm UV light