

# AC Magnetic Yoke AY-7A



The AY-7A yoke is available in two variant 230-volt 50-Hz or 110-volt 60-Hz. It provides powerful AC magnetic field for detection of crack on surface during magnetic particle inspection. The AY-7A Yoke has adjustable leg from 65 to 260 mm (Center to center) making yoke ideal for different geometries. It is widely used with either dry or wet method, fluorescent or non-fluorescent magnetic powder, in the inspection of welds, forging, casting and in service applications.

## Salient Features:

- Accessible grip, angled body for better position
- Powerful AC Magnetic Field
- Exceed ASTM E709 & ASTM E1444 lifting Specifications
- Durable rugged construction
- Adjustable leg spacing
- Detachable power cord

## Kit Contains:

- AC Yoke
- Power Cord
- Operation Manual
- Certificate of Conformance

## Technical Specification:

- Electrical Requirement : 110 volt - 60Hz: 4.5 Amp  
Or  
230 Volt - 50 Hz: 2.6 Amp
- Waveform : AC (Single Phase)
- Tangential Field Strength : 2 KA/m RMS at center
- Lifting Force : 4.5 Kg / 10lbs
- Duty Cycle : 50% (Max 5 sec on/ 5 sec off)
- Yoke Weight : 2 Kg / 4.41 lbs
- Leg Span : 2.5-10.2 in / 65-260 mm
- Pole Contact : 20x20 mm
- Power Cord Length : 3 Meter / 10 ft.

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