



**Chemical, oil,  
and abrasion  
resistant**



**Articulated,  
double-joint  
legs**



**Detachable  
power cord**



**No risk of  
sparking due to  
large footprint**

## AC Magnetic Yoke

The JY-7A Yoke is a powerful AC magnetic yoke used for detection of cracks on surface during magnetic particle inspection. It is portable, lightweight and has detachable power cords for efficient use.

The yoke is chemical, oil and abrasion resistant and have articulated legs which can spread approx. (60-270mm). The yokes can be used with dry or wet method and can be applied with continuous magnetic fields.

The design allows the operator an excellent grip in a variety of testing conditions and reduces stress on the operator's hand. It is manufactured as per ASTM E1444 & E709 standards.

### Salient Features :

- Accessible grip, angled body for better position
- Powerful AC magnetic field
- As per ASTM E709 & ASTM E1444 standards
- Durable rugged construction
- Adjustable leg spacing
- Detachable power cord

### Kit Contains :

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

### Technical Specifications:

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

### Order Part No. :

- JY-7A
- Standard Warranty: 12 months.

\* Subject to terms & conditions Apply

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