

# AC/HWDC Magnetic Yoke AY-7D



The AY-7D is most versatile magnetic yoke which offers AC and HWDC single phase supply for magnetizing ferromagnetic material. The two outputs (AC or HWDC) are independently adjustable to balance the magnetic field intensity. The AY-7D provides either constant AC or Pulsed HWDC field for finding surface and subsurface defects.

## Salient Features:

- Accessible Grip for Better Position
- Powerful AC and HWDC Magnetic Field
- Durable Rugged Construction
- Articulated Adjustable Leg
- Demagnetizing Capability
- Exceed ASTM E709 & ASTM E1444 lifting Specifications

## Kit Contains:

- AC/HWDC Yoke with Power Cord
- Operation Manual
- Certificate of Conformance

## Technical Specification:

- Input Supply : 230 V, 50 Hz, 1 Ph
- Input Current : 2 Amps
- Distance Across Poles : 50 mm to 280 mm (Centre to Centre)
- Magnetic Field : AC constant level, HWDC variable pulsed
- Flux Density : 10,500 lines of force/cm
- Lifting Power : AC: 10 lb / 4.5 Kg at 50 to 100 mm leg spacing  
DC: 30 lb / 13.5 Kg at at 50 to 100 mm leg spacing  
50 lb / 23 kg at at 100 to 150 mm leg spacing
- Duty Cycle : 23%
- Yoke Weight : 3.7 Kgs

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