



W-IC Inspection Booths continued...

Inspection Booths are typically supplied with a Wet Fluorescent Bath Agitation and Supply (recirculation) System. Inspection Booths include White, and UV Light Sources, as well as hood Exhaust Fans. Hoods can be either fixed or with a retraction system. To supply these features a power bar, with individual switches, is mounted under the hood to independently control inspection equipment (Yoke, Coil, UV Lamp) and accessories (White Light, Fan, Bath Pump).

To assist in an effective inspection or to aid the operator, Inspection Booths can be supplied with workpiece support fixtures, such as Steady Rests for round or cylindrical parts or Part Shelves for small parts. Due to the portable nature of the equipment (Yoke and/or Coil), parts can simply be supported by the operator during magnetizing,

application of bath, inspection or demagnetization. However, Coils are often suspended from the ceiling of the booth, or fixed to Coil Carts on longitudinal travel rails.

MPI Accessories

The W-Series Product Line offers numerous Magnetic Particle Operating Accessories, to evaluate magnetism, equipment performance, defect sensitivity, etc.

W-FI Field Indicators



W-FI, Pocket Magnetometers
W-FI-10, W-FI-20,
W-FI-50 available with certification



Verification Fixtures for W-FI Magnetic Field Indicators. Available in Positive or negative models to demonstrate linearity.



W-FI Magnetic Field Indicators
Linearity Demonstration Kit.
Illustrates linearity between
3 Models of W-FI's

WE-3 SERIES YOKES

The WE-3HD is not our lowest price Yoke, that position is held by the WE-3, which uses the same low cost power cord and strain relief as competitive Yokes.



WE-3HD
Heavy Duty
AC Yoke

Voltage: 115 and 230 VAC Nominal (6or12VDC)
Models: WE-3 / WE-3HD (115 Volt)
WE-3 / WE-3HDK (230 Volt)
Current: 4.0 Amps (115V), 2 Amps (230V)
Frequency: 50 or 60Hz



WE-3
Economy
AC Yoke

Cord Length: WE-3 / 8'(2.5m), AWG3-16 SJOW
WE-3HD / 8'(2.5m), AWG3-16 SOOW
Lift: 10 pounds (4.6kg) minimum
Capacity: 0 to 11" (280mm)
Finish: Black Urethane Rubber
Weight: 7.2 pounds (3.3kg) with cord

WE-3LT

Light Weight AC Yoke



Voltage: 115 or 230 VAC Nominal
Models: WE-3LT (115 Volt)
WE-3LTK (230 Volt)
Current: 4.0 Amps (115V), 2 Amps (230V)
Weight: 5.2 Pounds (2.4Kg)
Cord Length: 8' (2.5m), 3-18 SOOW
Frequency: 50-60 Hz
Lift: 10 pounds (4.6kg) minimum
Capacity: 0 to 11" (280mm)

The WE-3LT lifts over 5kg (10 Pounds), but is far more compact than any other AC Yoke. This model uses Grain Oriented Iron Laminations, so there is 40% less weight and size than any other AC Yoke.

W-6CS

Cavity Access AC Yoke (WE-Series)



Model: W-6CS or W-6CSK
Voltage: 115VAC @ 60Hz or 230VAC @ 50Hz(K)
Current: 4 Amps(115VAC) or 2 Amps(230VAC)
Lift: 10 Pounds (4.6kg) minimum
Pole Spacing: 0 - 15" (0 - 380mm)
Weight: 8 Pounds (3.6kg)
Power Cord: 8 feet, 3-16 SOOW
Housing: Urethane Rubber

This Yoke was developed due to customer requests for safer and faster Wet Method Inspection in tight spaces or unusual work piece configurations, such as inside pump housings, castings, etc.