



W-IC Inspection Booths

December 2008



W-IC-1

Assemblable Inspection Station (for Shipping)
•40" x 30" x 34" (approx. LWH) with;
Push Handle (adds 4" to length); Rubber Work Surface; 2 Shelves; and Power Bar (w/18' Cord and GFI) for Yoke, Coil, Black Light, etc. (115 kg/ 250 lbs. Capacity)

W-IC-2

Assemblable Inspection Station (for Shipping)
•60" x 30" x 34" (approx. LWH) with;
Push Handle (adds 4" to length); Rubber Work Surface; 2 Shelves; and Power Bar (w/18' Cord and GFI) for Yoke, Coil, Black Light, etc. (160 kg/ 350 lbs. Capacity)

Options:

- Black Nylon Hood (4 Sides and Top) with Frame to overall height of 84", with split side Opening, with an Operator Overhang of 18".
- Retractable Nylon Hood, with frame, to allow heavy parts to be placed on Work Surface. Increases height to 104", when Hood is folded back.
- *Longitudinal *Pass Through* not available.
- White Light Fixture (Florescent), with switch
 - Fixed Hood
 - Retractable Hood
- Ventilation Fan, recommended with Bath Recirculation Systems using Oil Based Carrier.
 - Fixed Hood
 - Retractable Hood
- Pony Panel* is installed to bring higher voltage onto the W-IC, which provides two voltages (and outlets) up to the Mounting Panel for the Power Bar and White Light Switch.
 - 230VAC x 60 Hz
 - 380 (400) VAC x 50Hz (3 Phase)
- *Eliminates the need for extra cords to the Inspection Cart.
- Coated Paper Work Surface, replaces Rubber, to Permit fast clean up of Work Surface. Includes Paper Roll (beneath Work Surface), and tear-off edge on adjacent side of Work Surface.
- Bath Recirculation System, complete with Coated Screen Work Surface, Hopper Style Tank (epoxy Paint), Sump, Sump Drain, Pump, Agitation Nozzle, and Bath Nozzle.

*Coated Paper Work Surface not available with this option.

- Longitudinal Pass Through, allows 18" of workpiece to enter Inspection Area. Pass Through is fitted with Brush type Skirting. The pass-line and product diameter must be specified, as Work Surface Height is adjusted accordingly.

*Hood Option must be purchased

- Overhead Coil Suspension Trolley, allows operator to move large Inspection coils to side of Work Surface during Inspections.

*Not available with Retractable Hood.

- Turntable is place on the Work Surface, when vertical Handling and inspection of the work piece is most convenient.

*Customer to specify Horizontal Coil Suspension.

- Adjustable Height Workpiece Platform. Provides a shelf to Hold small parts, with a weight capacity of 15 Pounds, in the center of the Coil.

- Rotatable Steady Rests (2), to allow the work piece to be placed horizontally over the Work Surface and Rotated,

- Longitudinal Rails (for Steady Rests and/or Coil Cart), for Mounting on all Work Surfaces. Can be used for Coil Movement instead of Overhead Coil Suspension.

- Coil Cart, allows Coil to be moved, side to side, during inspection.

*Longitudinal Rails must be purchased.

- Rotatable Coil Mount for Coil Cart. Allows Coil to be skewed at an angle, to ensure sensitivity to longitudinal defects.

*Standard Coil Cart must be purchased

- Double Workpiece Capacity

W-IC-1 up to 320 kg/700 lbs. Capacity

W-IC-2 up to 500 kg/1100 lbs. Capacity

- Bath Starter Kit c/w 1 Pound Fluorescent Powder, Centrifuge Tube and Stand for bath evaluation, W-FI-10, W-FI-50, and Castrol Strips.

Custom Workpiece Fixtures

Custom Inspection Carts

- Up to 96" x 60" x 34" (approx. LWH).

Note: UV Lamps or Sources are not quoted as the styles and Irradiance Levels are extensive. However, Western Instruments recommends the Spectronics SB-100P or the BIB-150P for Inspection Booths.