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HF600 Horizontal Floor Standing Optical Comparator

34138

The HF600 horizontal floor standing optical comparator has a large 24" screen, 12" X-axis (16" optional) and 8" Y-Axis motorized travel (CNC control optional), lens turret with 4 lens capacity, Q-axis digital protractor with angular measurements to 1' resolution, your choice of powerful Quadra-Chek or MetLogix software control systems, canopy and curtains. A time tested, cost effective, solution for non-contact measurement. They are simple to use, yet have excellent capacity and performance to satisfy an exceptionally wide range of dimensional inspection applications and complex measuring requirements. At the heart of these systems are precision optics, superb lighting and a highly accurate workstage which combine to ensure bright, sharp images and exceptional accuracy. Horizontal models work well with parts that need to be fixtured, held in a vice, or on centers.

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SPECIFICATIONS

- ✓ System Type: Floor Standing
- ✓ Part View Orientation: Horizontal
- ✓ Screen Diameter (in): 24"
- ✓ Screen Diameter (mm): 600
- ✓ X - Y Measuring Range (in): 12" (16" Optional) x 8"
- ✓ X - Y Measuring Range (mm): 300 (400 Optional) x 200
- ✓ Linear Glass Scale Encoder on X & Y Axis: Standard
- ✓ Motorized X-Y Axis: Standard
- ✓ CNC Control: Optional
- ✓ Focus Range (in): 3"
- ✓ Focus Range (mm): 75
- ✓ Work Stage (in): 25" x 9"
- ✓ Work Stage (mm): 630 x 230
- ✓ Load Capacity with Negligible Deflection (lbs): 110
- ✓ Load Capacity Maximum (lbs): 330
- ✓ Angular Measurement Resolution: 1 Minute
- ✓ Profile Illumination: Standard
- ✓ Surface Illumination: Standard
- ✓ Quick Change Lens Mount (Lenses Not Included): 4 Lens Turret
- ✓ Collimating Condenser with Yellow/Green Filter: Standard
- ✓ Control System / Software: QC200/5200, M2, M3
- ✓ Display (Control System Dependent): QC DRO, 15.6" or 21" Touchscreen PC or 24" Monitor

- ✓ Optical Edge Detection: Optional
- ✓ Digital Video Camera System: Optional
- ✓ Video Edge Detection (only with Digital Video Camera): Optional
- ✓ Optical and Video Edge Detection (only with Camera): M3 Option Only
- ✓ MetLogix DC (FOV) Software for Digital Video Camera: Optional
- ✓ Lenses (One Required, Not Included): 10X, 20X, 25X, 31.25X, 50X, 100X
- ✓ Iris Diaphragm: Optional
- ✓ Precision Rotary Vise: Optional
- ✓ Vee Block on Rotary Base: Optional
- ✓ Precision Fixed Vise: Optional
- ✓ Precision Centers & Vees: Optional
- ✓ Glass Plate Work Holder: Optional
- ✓ Canopy and Curtains: Standard

DOWNLOADS

- ✓ **Data Sheet** 0.00 kb (<http://www.starrett.com/docs/catalogs/catalog-80.pdf?Status=Master>)

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