

# Horizontal Floor Standing

HF750 HF600

Willrich Precision  
Ph 866-945-5742 [sales@willrich.com](mailto:sales@willrich.com)



## HF600

Starrett's floor model optical comparators are well known throughout the world for superior value and exceptional measuring performance across the full measuring range and at all magnifications. The HF600 sets the standard in all applications from the QC lab to the production floor.

## HF750

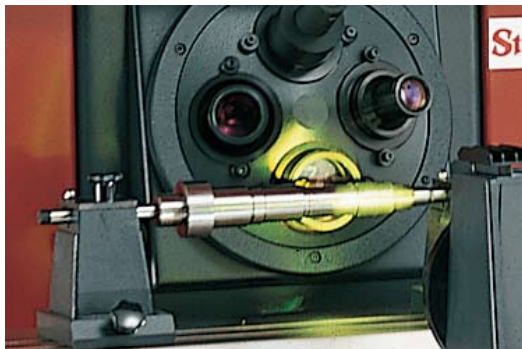
The same exemplary build standards as the HF600, the HF750 super capacity optical comparator delivers benefits from an even larger 30" (762mm) screen. This large, fully usable screen sets a new standard for clarity and brightness.

Ideal for use over a broad spectrum of industries and applications, the HF750 projector is designed and built to satisfy the requirements of measuring small to large work pieces with total precision, ruggedness and efficiency.

Side bed models, HS600 and HS750, are also available.



Above: HF600  
Right: HF750



## Features and Specifications

- Fully usable 30" (762mm) screen diameter
- Floor model design for optimum large workpiece performance and accuracy
- Large measuring travel: 12" X-axis, 8" Y-Axis (300mm x 200mm)
- High precision workstage with 25" x 9" top plate, with 2 machine slots for easy fixturing
- Stage weight capacity: 330lb
- Dual mirror design for vertically correct image
- 2-lens condenser, turret mounted
- Available with the full range of Quadra-Chek readout systems
- Digital protractor for accurate angle measurements, 1' resolution
- $\pm 15^\circ$  Sub workstage helix adjustment for accurate thread form inspection
- Standard with 3-lens indexable turret
- Power workstage on vertical and horizontal axis
- Fully retractable fiber optic surface illumination with heavy duty shielding
- Canopy and curtains included standard
- Automatic edge detection option
- CNC workstage options



Model	HF600	HF750	HS600	HS750
Floor-Standing Projector	X	X	X	X
Side-mounted Projection Screen			X	X
Horizontal Projector	X	X	X	X
5X Magnification Lens	X	X	X	X
10X Magnification Lens	0	0	0	0
20X Magnification Lens	0	0	0	0
25X Magnification Lens	0	0	0	0
31.25X Magnification Lens	0	0	0	0
50X Magnification Lens	0	0	0	0
100X Magnification Lens	0	0	0	0
Twin Fiber Optic Surface Illumination	X	X	X	X
Precision Glass Graticule	0	0	0	0
Iris Diaphragm	0	0	0	0
Precision Rotary Vise	0	0	0	0
Vee Block on Rotary Base	0	0	0	0
Precision Fixed Vise, 1-1/4" Capacity	0	0	0	0
Helix Center Support Fixture				X
Precision Centers and Vee's	0	0	0	0
Glass Plate Work Holder	0	0	0	0
Motorized X-Y Axis	X	X	X	X
Canopy and Curtains	X	X	X	X
Heavy-Duty Work Stage	0	0	0	0
Q-Axis Digital Protractor for angular measurements	X	X	X	X
24" Diameter Screen	X		X	
30" Diameter Screen		X		X
12" Horizontal Travel	X	X	X	X
20" Horizontal Travel	X	X	X	X
8" Vertical Travel	X	X	X	X
3" Focus Travel	X	X	X	X
Lens Turret with three lens capacity		X		X
Lens Turret with four lens capacity	X		X	
Dual Rotary Lens Condenser System for hi/low mag lenses	X	X	X	X
Optional Fully-Automatic CNC control	0	0	0	0
Linear Encoder (glass scale) on both X and Y axes	X	X	X	X
Video Edge Detection (with QC300 series)	0	0	0	0
Optical Edge Detection (with QC200E or QC300E series)	0	0	0	0
OV <sup>2</sup> Video Camera capable of 240X video magnification. (Versions for LCD color monitor, QC300 or QC5000 series)	0	0	0	0
Color Monitor option for OV <sup>2</sup> Video Camera System with 15" LCD Monitor, cross-hair generator and mounting arm.	0	0	0	0
Adapter for OV2 Video Camera System	0	0	0	0
OV <sup>2</sup> Ring Light with manual control	0	0	0	0
OV <sup>2</sup> Ring Light for QC300 DROs	0	0	0	0

X = Standard Feature, 0 = Option

