

HDMag[®]

High-Magnification Visual Inspection Station



Advanced

- Sleek, industrial design
- High-definition image quality
- Ergonomic work station reduces eye, neck, and back strain
- Smartly designed controls are simple and intuitive

Accurate

- Measurement features at all magnification levels
- Adjustable, built-in LED lighting surrounds and highlights the viewing object at multiple angles
- Manual focus override to easily examine all surfaces of 3-D objects

Increase operator accuracy and improve productivity with FSInspection's cost-effective, ergonomic solutions.



Magnify up to 127x



Auto-focus camera



Measure dimensions



High-definition image



Manual focus override



Capture, share, and save images

Advanced • Accurate • Affordable

Ample Workspace

Gliding XY table moves easily in all directions, locks in place for stability, and has pre-drilled mounting holes.

Adjustable Lighting

Multiple built-in LED lights with adjustable brightness eliminate glare and shadows on the object in view.

Superior Collaboration

Generous display size allows for easy collaboration among individuals to inspect and verify product quality.



Two Types of Computer Connectivity

1. VGA connectivity allows seamless workflow between the HDMag station and your PC at the push of a button.
2. USB connectivity and HDMag Software turns your PC into an inspection machine:
 - View live images
 - Take and save measurements
 - Tag images with detailed descriptions
 - Add company logos
 - Save work as a JPEG or TIFF file

Specifications*

Size

25 in x 17.2 in x 17.2 in
63.5 cm x 43.7 cm x 43.9 cm

Magnification

HDMag 100 Camera only: varies
HDMag 170, 17-in monitor: 1.7x to 116x
HDMag 200, 20-in monitor: 1.5x to 103x
HDMag 220, 22-in monitor: 1.8x to 125x
HDMag 240, 24-in monitor: 1.8x to 127x

XY Table Dimensions

17.2 in x 17.3 in x 1.83 in
437 mm x 439 mm x 47 mm
X-dimension travel: 16 in / 406 mm
Y-dimension travel: 10.5 in / 266 mm
Variable braking mechanism

Working Height Under Camera

8.25 in / 21 cm

Weight

32.8 lbs. / 14.1 kg
39.5 lbs. / 17.9 kg
41.0 lbs. / 18.6 kg
42.1 lbs. / 19.1 kg
43.7 lbs. / 19.8 kg

Controls

On/Off – toggle switch
Freeze Frame – push button
Focus Lock – push button
Find – push button
LED on/off – push switch

Power Supply

Input voltage 100-240V
Frequency 50-60Hz
Single wall plug

Magnification – 16-position dial
Manual Focus – dial
Brightness – dial
Toggle PC/camera views – push button
LED Brightness – wheels



Designed and Assembled in the USA

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