

Inspex HD 1080p



Full HD 1080p
Image Quality



Image Capture
to USB key



Integrated, Real-Time,
On-screen Dimensioning
Grids & Cursors.

Inspex HD 1080p

The Inspex HD 1080p is a high definition camera inspection system offering superb 1080p full HD image quality, colour reproduction, contrast and resolution. Its versatile design makes it compatible with a wide range of mounting options. Real-time on-screen dimensioning is provided by integrated XY grids and cursors.

Key Features:

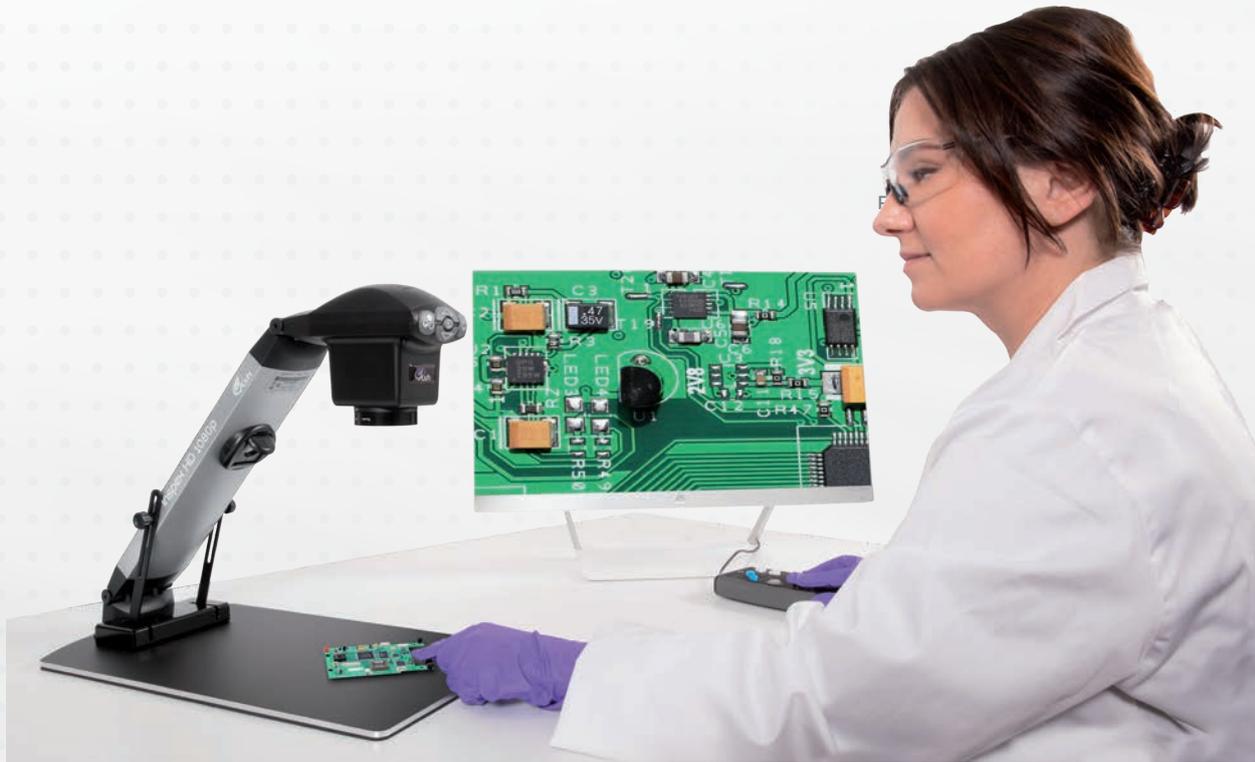
- Accurate & detailed inspection with superb HD image resolution, dynamic range of magnification levels & integrated LED illumination.
- Real-time on-screen dimensioning provided by integrated XY grids & cursors
- Less operator fatigue & improved production efficiencies due to ergonomic design enabling user to sit or stand in a comfortable and safe posture providing relief from back, neck and eye strain typically associated with traditional microscopes.
- Easy documentation & traceability for accurate quality control records using image capture to USB key.

Applications:

The Inspex HD 1080p is suited for repair & rework, quality control & failure diagnosis processes in industries such as: Automotive, aviation, electronics, engineering, forensics, jewellers, medical devices, packaging & labelling, pharmaceuticals and security.



F1801-027 F1801-028 F1801-018 F1801-024



KP1 External Keypad FI 801-008

The optional KP1 unlocks integrated real-time on-screen dimensioning grids and cursors. It also allows access to a variety of functions including 3 Memory Presets, Exposure and Focus, Zoom, Brightness, LED Intensity, Image Capture...



Magnification*

| Lens (Dioptre) (mm) | Max Height (mm) | Min Height | Minimum Magnification* | Maximum Magnification* Optical/Digital | Field of view at minimum mag. (mm) | | Field of view at maximum mag. (mm) Optical/Digital | | Max. & Min. Depth of field | |
|---------------------|-----------------|------------|------------------------|--|------------------------------------|--------|--|-----------|----------------------------|-----|
| | | | | | X | Y | X | Y | | |
| 2 | 500 | 405 | 1.1 | 29/57 | X: 595 | Y: 334 | X: 20/10 | Y: 11/5.5 | 176 | 5 |
| 3 | 333 | 280 | 1.3 | 36/71 | X: 400 | Y: 225 | X: 14/7 | Y: 8/4 | 120 | 4 |
| 4 | 250 | 205 | 2 | 50/98 | X: 280 | Y: 164 | X: 10/5 | Y: 6/3 | 106 | 1 |
| 5 | 200 | 170 | 2.5 | 62/122 | X: 231 | Y: 136 | X: 8/4 | Y: 5/2 | 78 | .50 |
| 10 | 100 | 85 | 4 | 121/237 | X: 60 | Y: 50 | X: 5/2 | Y: 3/1 | 57 | .20 |

* Specifications obtained using a 24" Monitor.

* Depth of field measured with optimal image settings.

Technical Specifications

| Specifications | Vesa (FI801-018) | Table (FI 801-017) |
|---------------------------------|---|--|
| Zoom Range (with supplied lens) | 5D Lens – 2.5x - 122x | 4D lens – 2x - 98x |
| Camera Resolution | HD 1080p, 1920 x 1080 at 50/60 Hz | HD 1080p, 1920 x 1080 at 50/60 Hz |
| Monitor Connections | HDMI / DVI | |
| Monitor Requirements | HD Ready or Full HD (recommended) | |
| Dimensions | 37cm x 12cm x 14cm | Table 24cm x 41cm Folded Height 11cm, Raised Height 42cm Weight |
| Weight | 1.2kg | 2.5kg |
| Power | 8 Watts | |
| Operating Temperature | Storage: -10 C to +60C Operating +5C to +40C | |
| Image capture | USB 2.0 highspeed | |

Package Contents

- Inspec HD 1080p
- Power supply
- HDMI to HDMI cable
- Operation Manual
- Grounding Cable
- USB Memory Stick (16GB)