



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:

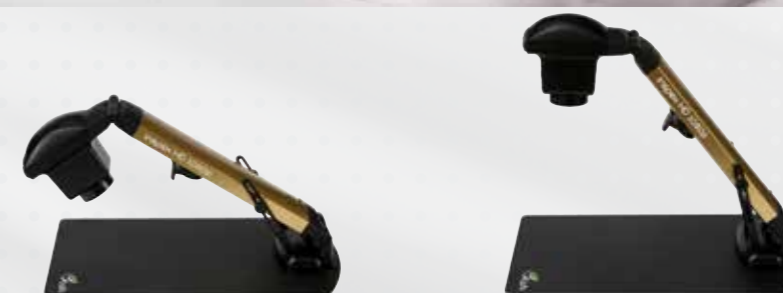
- Accurate & detailed inspection with superb HD image resolution, dynamic range of magnification levels & integrated LED illumination.
- Real-time on-screen dimensioning provided by integrated XY grids & cursors
- Less operator fatigue & improved production efficiencies due to ergonomic design enabling 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

F1801-008

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 (F1801-018)	Table (F1801-017)
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	