UNITRON®

Inspex HD 1080p

DIGITAL IMAGING SYSTEM



Sleek sophistication in a versatile ergonomic design provides 1080p HD digital imaging with superb HD image quality, color reproduction, contrast and resolution.

EXCELLENCE BY DESIGN

Inspex HD 1080p

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The Inspex HD 1080p Digital Imaging System can help you create an entirely new user experience for guests trying to view new purchases, help sell repair intakes and allow jewelers to show the quality of the work being performed. With real-time auto focus capability, a magnification range from 2x to 85x and up to an 11" wide field of view, the UNITRON Inspex HD Digital Imaging System for gemological applications can help change how you and your guests view jewelry. With the optional keypad, users quickly and easily change the magnification, focus, lighting and capture images. An optional ring holder and wire gem clamp are available as well. All captured images are stored to the included USB key. This digital imaging system is ideal for repair and rework, quality control, inspection and guest demonstration.



Easy to use controls are located conveniently on the front of the camera.

For more advanced functions and ease of use, an optional external controller is available.





Various stand and mounting options are available

Camera Resolution	HD 1080p; 1980x1080
Zoom	4D Lens; 2.0x—85x (24" screen)
Basic Functions	Auto/Manual focus, brightness adjustment, magnification adjustment, snapshot, overview, high contrast mode, height adjustable
Response Time	5ms
Output Modes	HDMI, DVI
Monitor Format	16:9 (recommended); *monitor not included*
Power Supply	100/240v; 50/60Hz; 8w power consumption
Dimensions	Table: 24cm x 41cm Folded height: 11cm Raised height: 42cm
Weight	2.5kg

Key Features

- High definition camera system offering superb full 1080p HD image quality at 60 fps.
- Inspex HD 1080p offers superb color reproduction, contrast and resolution, as well as a dynamic range of magnification levels and integrated LED illumination.
- Integrated, real time, on screen XY measuring grids and cursors provide a simple and effective way to measure without a PC and provides vital information such as magnification level, focus/exposure mode and an in depth settings menu.
- Wide Dynamic Range uses overlapping multiple exposures depending on the saturation level of each pixel.
- Advanced functions include brightness control, cross hair, overview, infrared, memory recall (3), LED intensity, iris, hi contrast, auto/manual focus, auto/manual exposure, and gain.
- Removable USB storage image capture allows for storing images directly to your USB storage device with the built-in USB port making documentation and traceability for accurate quality control records.
- The Inspex HD 1080p system offers a best-in-class 11" (280mm) field of view and a 9.85" (250mm) working distance with the standard 4D lens.
- The ergonomic design enables users to sit or stand in a comfortable and safe posture providing less operator fatigue and improved production efficiency.
- With the optional external controller, the Inspex HD 1080p becomes a dynamic imaging system with the capability of additional functions such as memory/save recall, overlay grid and dimensioning lines, image capture and interactive focusing zoom controls. An additional option is also available for PC based image analysis software.

ISO 9001
Certification
Design and production adheres to ISO9001 international quality standard.

ISO 14001
Certification
Design and production meets the requirements of international standard ISO 14001 for environmental management.

UL CE RoHS

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