

The PathStereo combines Zeiss stereo optics with SPOT imaging to provide superior performance and comfort in a workstation for microdissection and imaging of biopsies.

PathSuite software provides hands-free operation of camera via foot pedal or voice commands. Images are easily annotated, and specimens measured directly on the touch screen. The barcode scanner option simplifies case number entry and specimen tracking. Auto filing capabilities allow for instant image storage to case files on your file server or to your dedicated LIMS system. PathSuite software and hardware are designed to increase the ease and accuracy of your workflow.



PathStereo™

DATA SHEET



**PathStereo™
makes it easy!**

Features	Benefits
Camera	SPOT 5Mp computer controlled camera
Microscope	Zeiss Stereo Zoom Microscope
Illumination	Trans-illumination base with high intensity fiber optic illumination
Computer	All-In-One Sealed Computer keyboard and mouse
Preview	Live preview of image and full control of zoom, focus and exposure
Footswitch	Footswitch control of image preview and acquisition
Barcode	Barcode scanner for case data input and tracking
Interface	LIMS interface provides seamless transfer of images



SPOT™ Imaging Solutions
A division of Diagnostic Instruments, Inc.

Specifications

Camera	SPOT Idea 5 Mp Color Camera 1/2" Format C-mount High resolution 0.5x Optical coupler
Microscope	Zeiss Stemi 2000CS7x zoom Stereo Microscope with concurrent viewing and image capture
Illuminator	Mirrored Transilluminating Base with 2 ea.150 watt Halogen Fiber Optic Illuminators providing epiillumination and transillumination
Software Interface	<p>SPOT PathSuite User Interface which can be customized to optimize your workflow with standard features such as:</p> <ul style="list-style-type: none"> • Image auto-naming and filing by case and specimen number • FootSwitch control over image capture, and live image • Set your accession prefix(es) • Image formats: <ul style="list-style-type: none"> • Standard: JPEG, JPEG2000, TIFF • Optional: MacPICT, Windows Bitmap, TIFF JPEG, & BigTIFF • Save images with or without annotations, case numbers or calibration marks • Standard calibration mark format: mm/cm (others optional). • Choose to reset the counters with each image or each case • Selectable barcode scanning for operator login, case login, and specimen login independent of each other • LIMS interface optional
Construction Materials	<p>Powder coated aluminum and sheet metal</p> <p>Designed for the laboratory environment</p> <p>Completely washable and disinfectable surfaces</p>
Field of View	<p>Minimum: 8 mm</p> <p>Maximum: 60 mm</p>
Safety Tests	Independently lab certified for safety and complies with part 15 of the FCC Rules and CE EN 61326 and 61010-1 standards
Power Source Requirements	120 - 240 VAC @ 5 amps, 47 - 64 Hz from a Ground Fault Circuit Interrupt Power Source
Fuse	8AMP/240V Slow Blow, 5x20mm
Operating Environment	<p>0° C – 40° C (32° F – 104° F)</p> <p>5 – 95% relative humidity, non-condensing</p>
Weight	<p>Assembled: Approx. 40 lbs, without optional accessories</p> <p>Shipping: Approx. 60 lbs, with optional accessories</p>

Computer Details

Display	23" 16:9 full HD screen, LCD - TFT active matrix, Max resolution: 1920 x 1080
Operating System	Windows 7 Home Premium 64-bit
Processor	Intel Core i5 M 430 2.27 GHz
Memory	6GB DDR3 SDRAM, up to 8GB
Video	Integrated graphics card NVIDIA GeForce G200 Shared video memory (UMA) 1 GB / 1919 MB (max)
Audio	Integrated high definition audio: Stereo 2 x right/left channel
Storage	1 TB SATA hard drive
Optical Storage	DVD-RW with LightScribe Technology
Network Interface	802.11b/g/n Wireless LAN, Bluetooth, Fast Ethernet, Ethernet, Gigabit Ethernet, IEEE 802.11b, IEEE 802.11n, IEEE 802.11g
Miscellaneous	Web cam, Remote control, 6 in 1 card reader, Digital and analog TV tuner (NTSC & ATSC)
Expansion	2 (0) x Memory - SO DIMM 204-pin, 2 (0) x PCI Express x1, 1 (1) x MXM
External I/O Ports	5 x Hi-Speed USB - 4 pin USB Type A (2 front, 3 rear), 1 x Audio - Line-out - Mini-phone stereo 3.5 mm, 1 x Audio - Line-in - Mini-phone stereo 3.5 mm, 1 x Headphones - Mini-phone stereo 3.5 mm, 1 x Network - Ethernet 10Base-T/100Base-TX/1000Base-T - RJ-45, 1 x Audio - SPDIF output
Optional Accessories	Foot Pedal Barcode Scanner Voice Recognition Wireless Washable Keyboard & Mouse-Monitor Color Calibrator

New Equipment Limited Warranty

2 year limited warranty on camera. Extended warranty and service contracts are available.



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