Scalable digital microscopy ideally suited for teaching pathologists and tumor boards

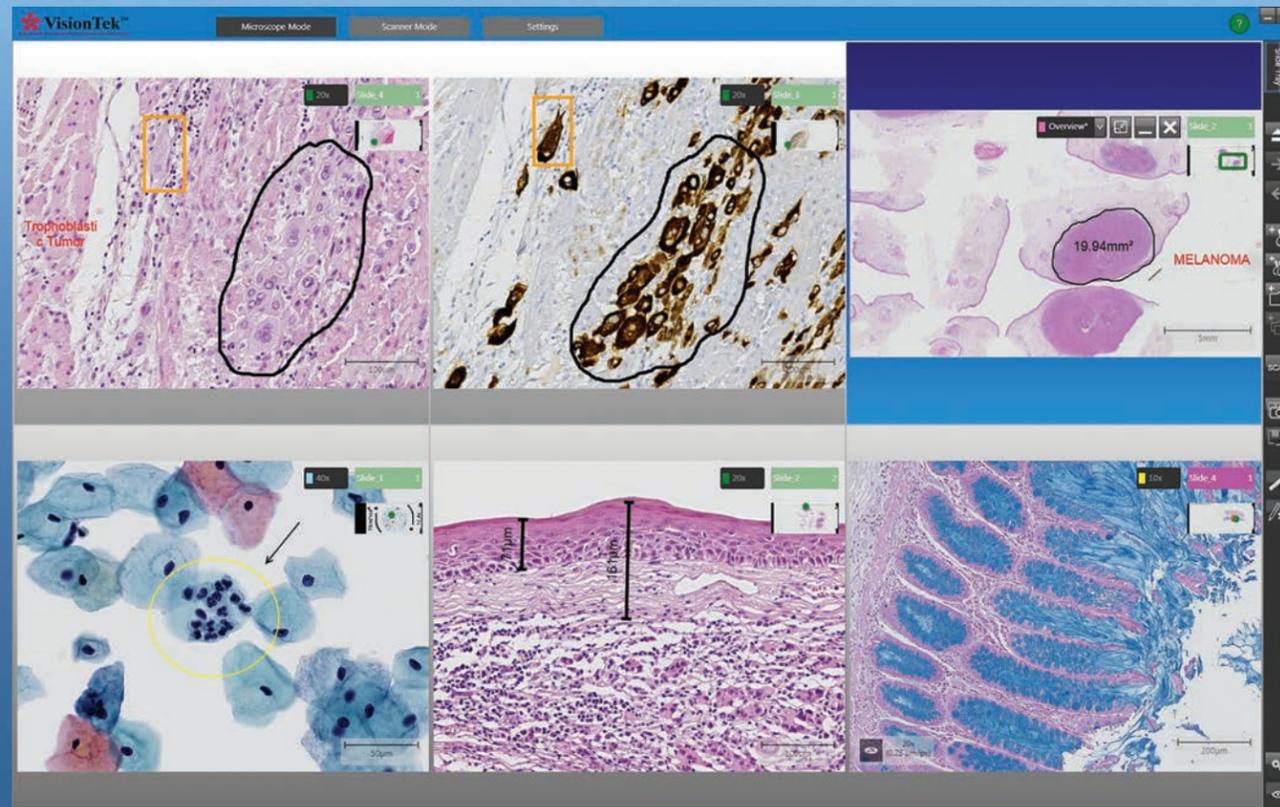**VisionTek® M6**

Digital Microscope

Advance pathology instruction and tumor board reviews with fully interactive slide sharing
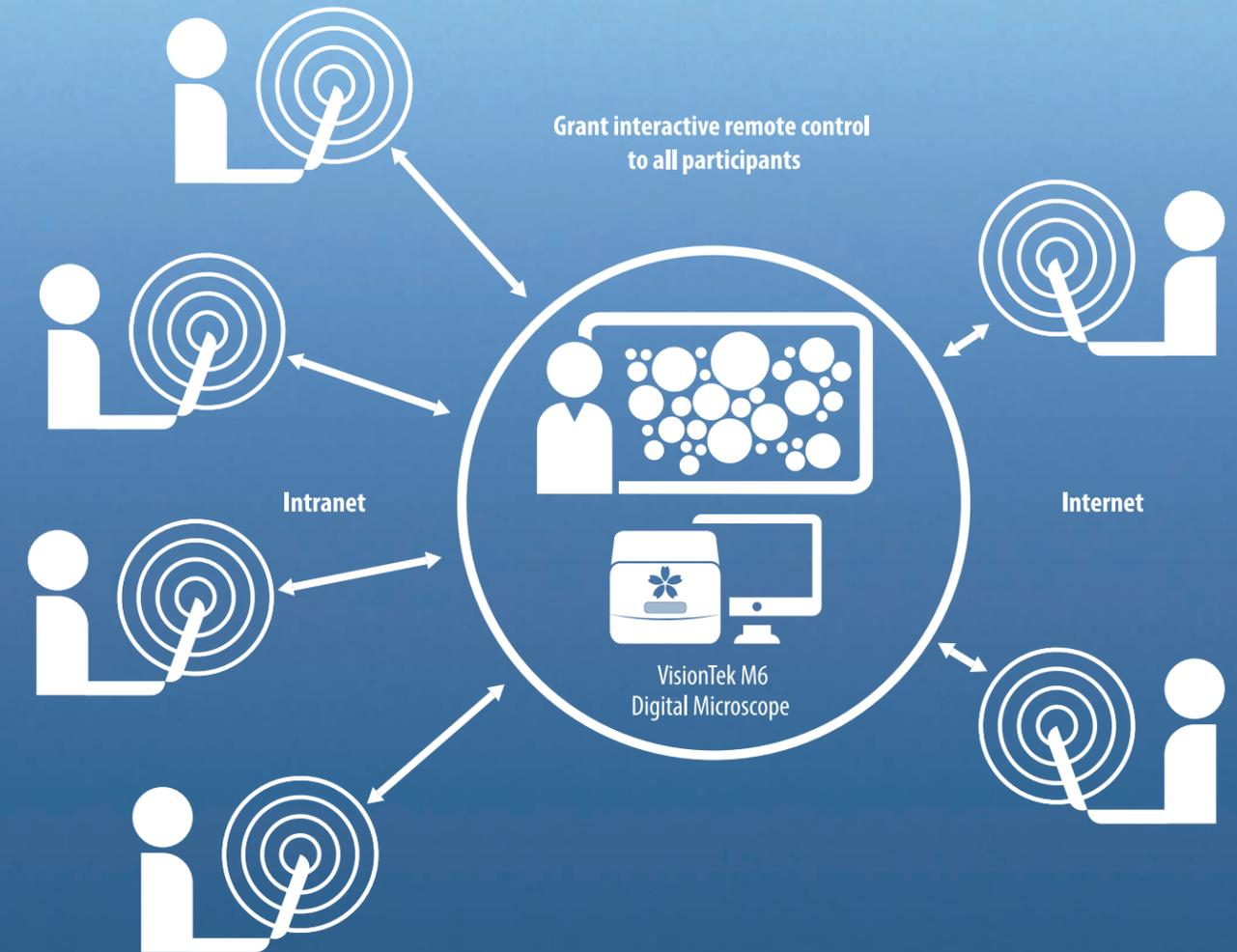

The VisionTek M6 Digital Microscope is the only microscopy platform that can be used like a multiheaded microscope with the added advantage of allowing multiple users to control views individually. Simultaneously review 4 slides live and up to 12 scanned slides. VisionTek M6 is equipped with 6 magnifications (2.5x, 5x, 10x, 20x, 40x, and 63x) and illumination control. It is ideally suited for teaching anatomical pathology, cytopathology, and hematopathology while providing additional value for tumor board presentations.

Product Configuration

Grant interactive remote control to all participants

Intranet

Internet

VisionTek M6 Digital Microscope

For teaching pathologists and tumor boards

Features	Benefits
Share control of stage, magnification, focus, and illumination	As the instructor, you can pass and regain control of the digital microscope, enabling a better teaching and learning experience
Remote viewing	You and your colleagues or students can review slides simultaneously from anywhere
Slide sharing with a tumor board panel	Share slides in multiple focal planes in real time—no more single focal plane scanning of slides in advance
Simultaneous live review and control of up to 4 slides	Compare multiple slides and/or ROI live at their best focal plane (IHC + ISH consults)
6 magnifications (2.5x, 5x, 10x, 20x, 40x, 63x)	Use it for teaching, anatomical pathology, cytopathology, and hematopathology and for tumor boards

Replace the multiheaded microscope with a fully interactive digital microscope!

Accessories

Product Description	Item Code
VisionTek® M6 Digital Microscope	9006
VisionTek® Digital Microscope	9000
Slide Carrier	9011
Uninterrupted Power Supply (UPS)	9009

Experience the advantages of remote interactive digital microscopy.
Visit VisionTekM6.com to request a demo and learn more about the ROI.

Share slides and share control from anywhere

VisionTek M6 Digital Microscope Specifications	
Optics (Carl Zeiss Objectives)	EC Plan-Neofluar® 5x/0.16 EC Plan-Neofluar® 20x/0.5 EC Plan-Neofluar® 40x/0.75
Magnification	Overview image 0.45x High-resolution live magnifications: 2.5x, 5x, 10x, 20x, 40x, 63x
Illumination	White light LED Köhler illumination User illumination control
XY Stage Automation	XY stage accommodates 4 standard microscope slides on a slide carrier and controlled via mouse
Z Stage Focus	High-precision mechanical focus; motor controlled via mouse Resolution 0.2 µm IR beam and image-based autofocus mechanisms work together to focus automatically after each XY stage movement
Slide Loading	Slide Carrier accommodates up to 4 standard microscope slides
Label/Barcode	1D and 2D barcode recognition
Image Detection	Overview camera: Pixel size 2.2 x 2.2 µm; resolution at 0.45x = 12 µm/pixel Live view and scanning camera: Pixel size 5.5 x 5.5 µm; resolution at 5x = 1.1 µm/pixel; at 20x = 0.275 µm/pixel; at 40x = 0.138 µm/pixel
Operation Modes	Microscope Mode allows the user to choose the slides for live review from a virtual slide tray Scanner Mode allows automated multiple Z plane scanning of up to 4 slides by auto tissue detection or by predefined scan area Image view while scanning is possible
Scan Speeds	1.5 min for 15 mm x 15 mm (at 0.275 µm/pixel)
Workstation	Operating system: Windows® 7, 64 Bit Computer Processor: Intel® Core™ i7 or higher; Hard Disk: 128 GB +1000 GB 3.5"; 1000 Base-T Ethernet Intel®, Pro/1000 PT server network card Monitor: 24-inch 1920 x 1200 pixel resolution; DisplayPort™ or DVI
Instrument Dimensions	Height: 17.9 in (45.5 cm) Width: 15.9 in (40.5 cm) Depth: 20.5 in (52.0 cm) Weight: 77.2 lb (35 kg)
Power Requirements	85-264 VAC, 47-63 Hz, single-phase; power cord connector: IEC/EN 60320-1/C14; NOTE: Universal power supply
Power Ratings	100V operation: 4 amps; 240V operation: 2 amps

The snapshot, partial scan, and whole slide scanned images are for research use only (RUO) in the USA.

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CONTINUOUS INNOVATION FOR PATHOLOGY

Request a demo today.
Scan code or visit VisionTekM6.com.
You can also call (800) 725-8723
and press #1 to reach customer service.