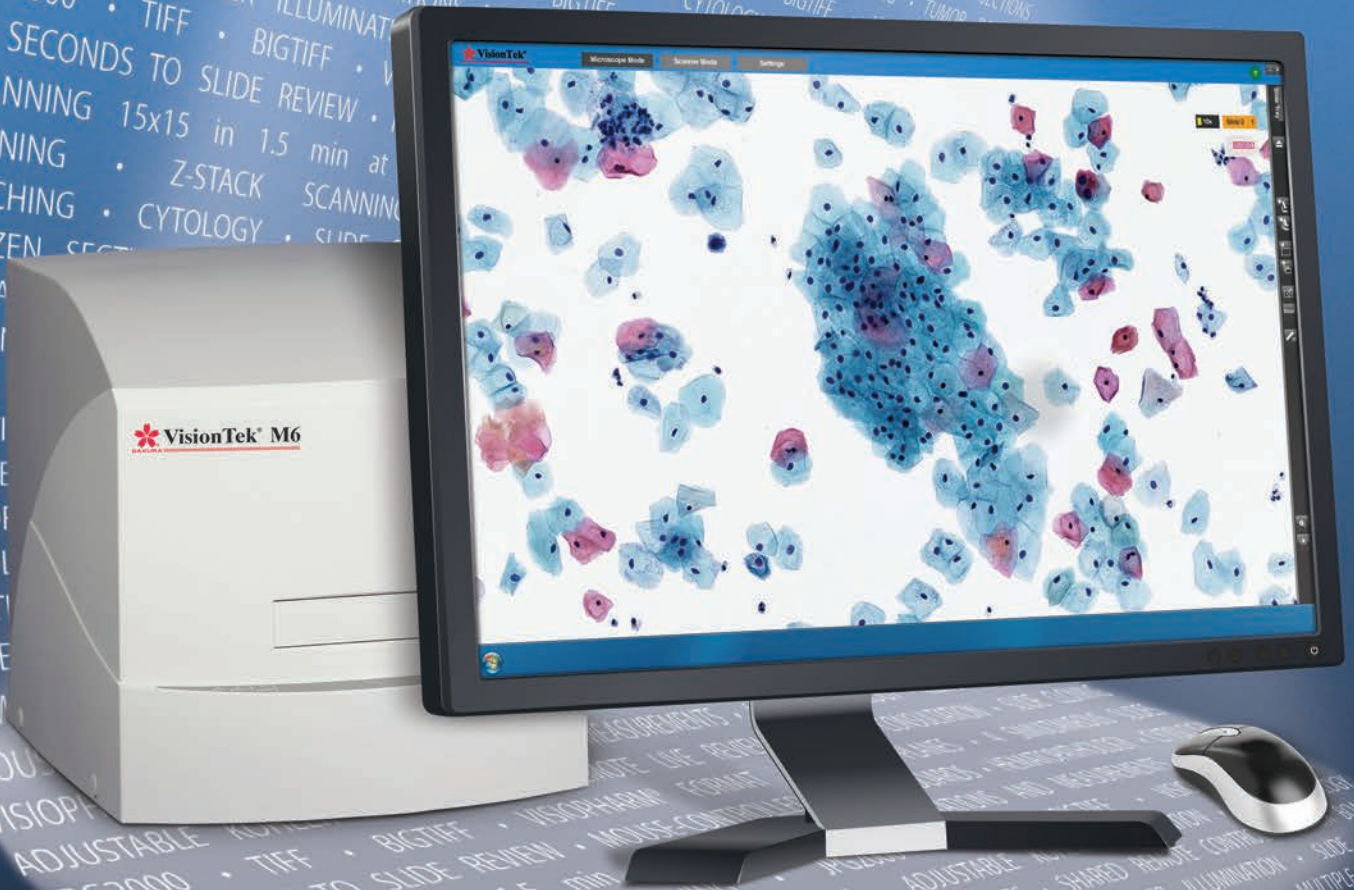


Review cytopathology and hematopathology slides rapidly, remotely, and in real time

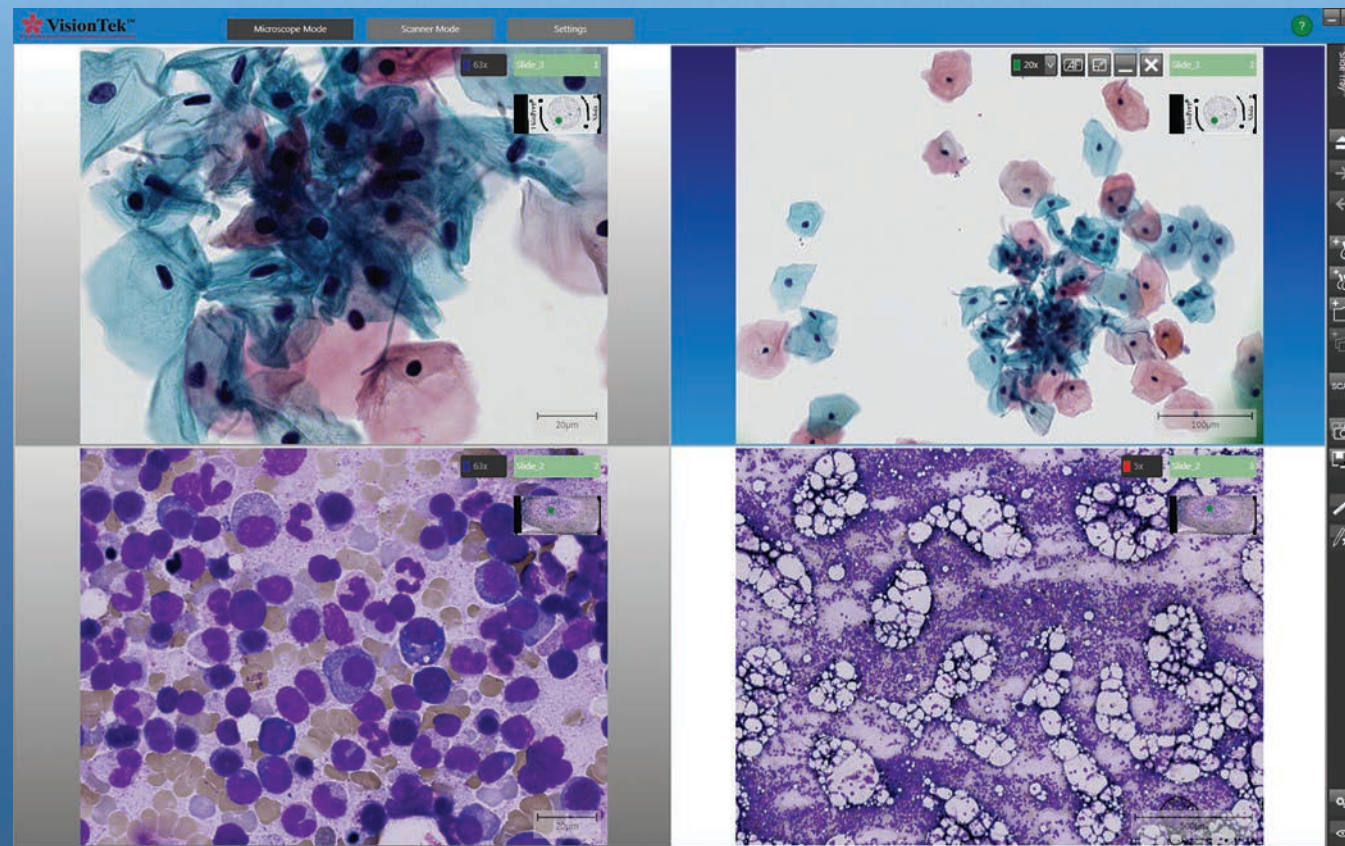
SHARED MICROSCOPE
MULTI-USER
CYTOLOGY
SLIDE CLONING
TUMOR BOARDS
MOUSE-CONTROLLED
VISIONTEK® M6
ADJUSTABLE KÖHLER ILLUMINATION
JPG2000 • TIFF • BIGTIFF
17 SECONDS TO SLIDE REVIEW
SCANNING 15x15 in 1.5 min at
PANNING • Z-STACK SCANNING
TEACHING • CYTOLOGY • SLIDE
FROZEN SECTIONS



VisionTek® M6

Digital Microscope

No more traveling to on-site or off-site cytology laboratories— Gain time and reduce costs



VisionTek M6 Digital Microscope is the only robotic microscope that pathologists can use like a conventional microscope to view live up to 4 slides simultaneously or to view multiple areas of the same slide with time to view under 17 seconds. It is equipped with 6 magnifications (2.5x, 5x, 10x, 20x, 40x, and 63x) and illumination control to satisfy the needs of cytopathologists and hematopathologists.

For cytopathology/hematopathology

Features

True 40x magnification

True 5x magnification

Adjustable illumination

Time to live review under 17 seconds

Robotic control of stage, focus, magnification, and illumination with a mouse

Remote control and viewing

Benefits

Detect subcellular and nuclear details for better differentiation of cells

Quickly get an adequate overview image of the slide

Adjust for best image contrast at high magnification

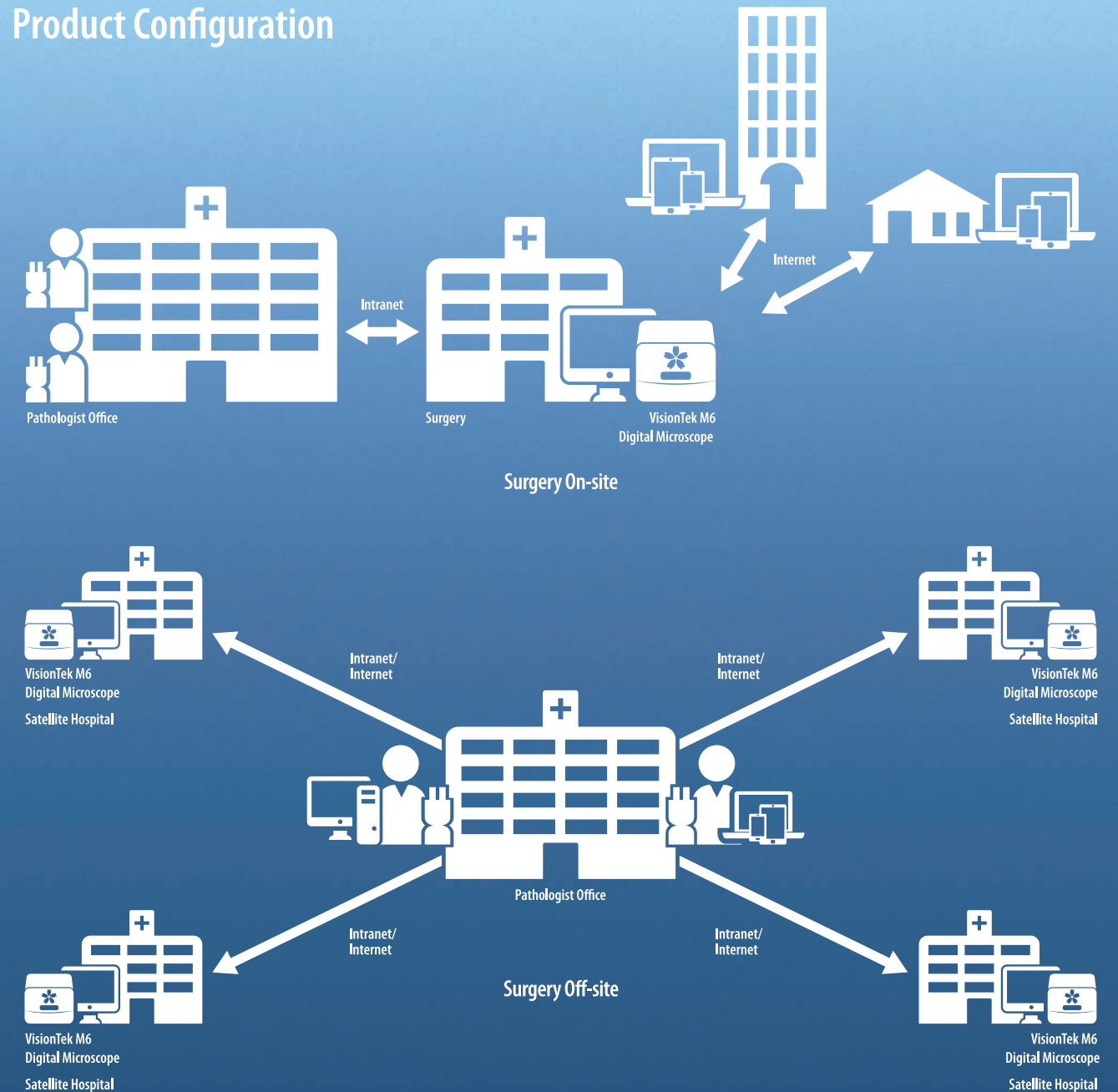
Reduce turnaround time (TAT)

Enables one-hand operation

Review slides interactively from any location. Suited for cytopathology intraoperative consults (FNA) and rapid on-site adequacy evaluation

Experience live slide review in 17 seconds!

Product Configuration



Accessories

Product Description

Item Code

VisionTek® M6 Digital Microscope

9006

VisionTek® Digital Microscope

9000

Slide Carrier

9011

Uninterrupted Power Supply (UPS)

9009

*See how the VisionTek M6 Digital Microscope can save time and money.
Visit VisionTekM6.com to learn about the ROI.*

VisionTek M6 Digital Microscope—real-time high-resolution slide reviewing

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.

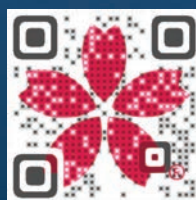
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CONTINUOUS INNOVATION FOR PATHOLOGY

Sakura Finetek USA, Inc.
1750 West 214th Street
Torrance, CA 90501
(800) 725-8723

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