



Get the bigger picture
in digital pathology



Mi
macro imaging station



Get the bigger picture in

Nikon's new Mi macro imaging station provides the perfect environment for the capture of unfixed and fixed gross specimen images in the mortuary or path lab. Ideal for pathologists in healthcare environments, veterinary, research and forensic laboratories, users benefit from:

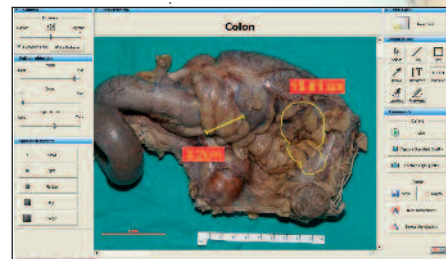
- Simple push button operation for accelerated workflow
- Hygienic, wipe-clean user interfaces for reduced contamination risk
- Top quality camera for high definition image capture
- Integral LED for perfect illumination and bright, clear images
- Intuitive pathology-focused software that can be integrated with NIS-Elements for advanced image analysis and management

The first step in capturing an entire pathology case history

With everything you need for gross specimen imaging, the Mi macro imaging station has been designed to facilitate pathology workflow.

The capture of gross specimens before cut-up is the first step in creating an entire pathology case history and provides a convenient point of reference that can enhance the interpretation and understanding of subsequent tissue sections.

Images can be saved for use in case records, as part of an audit trail, and for annotation and use in downstream analyses and applications.

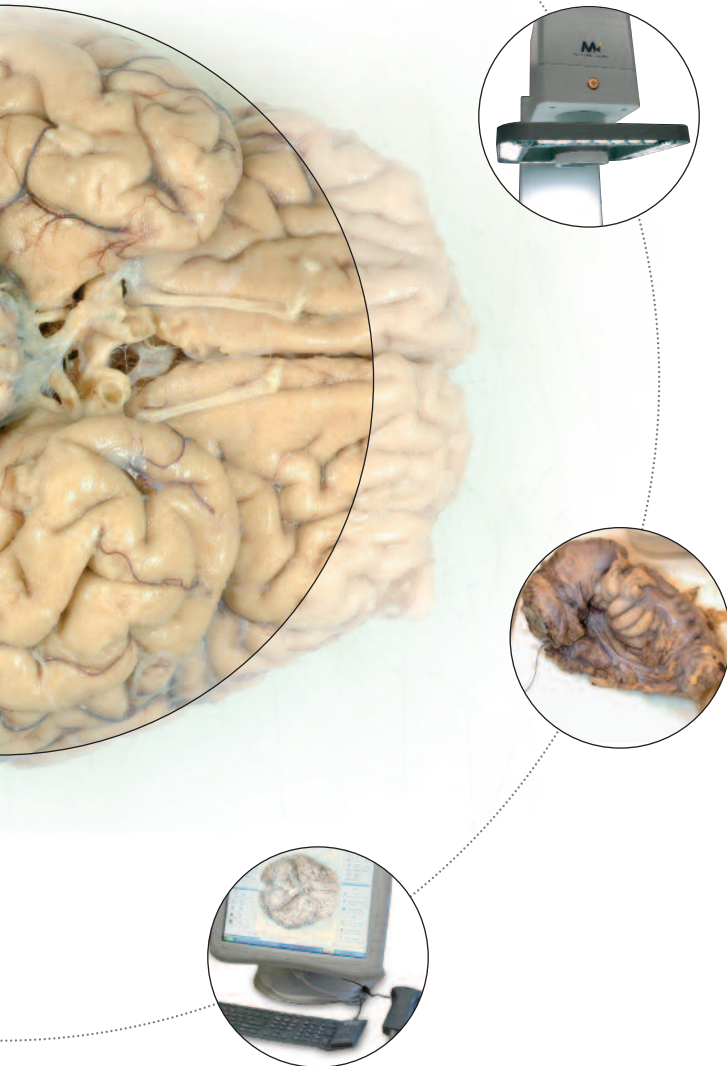


Quick and easy to use

Users do not need to have any expertise in photography for successful imaging. With an intuitive software GUI, straightforward operating options, such as 'lighter', 'darker', 'closer' and push-button operation, image acquisition could not be simpler!

The Mi incorporates a quality Nikon DS-Fi1 digital camera with motorised lens for high resolution imaging. Users can select either standard or publication quality images as required.

digital pathology



Your choice of PC

The Mi can be supplied with a PC or, if preferred, can be used with the laboratory's own PC and network system without compromising function.

Pathology-focused software

The Mi's dedicated pathology-focused software can be integrated with Nikon's NIS-Elements Documentation (D) software to bring all aspects of the digital pathology imaging environment together. NIS-Elements software packages integrate microscopes, cameras and peripherals with powerful image acquisition, archiving and image analysis functions to streamline and accelerate pathology workflow.

NIS-Elements D's simple menu options enable rapid image capture and a host of annotation, object measurement and counting, and database functions to maximise information from images.

Reduced risk of contamination

Reducing the risk of contamination, all workstation surfaces, keyboard, PC and monitor are splash resistant and can be simply wiped clean after use. There is no need to touch the camera during operation as all operations can be carried out through a choice of touch screen, keyboard, mouse, foot-pedal, graphic tablet or barcode reader.

LED lighting

Creating the perfect lighting conditions for optimal imaging, the Mi's integral overhead LED illuminates the specimen to create bright, sharp images with perfect detail. Cold LED lighting, in addition, ensures that specimens cannot be damaged by heat.





Specifications

Mi Macro Imaging Station

Camera Unit

Digital Camera Head DS-Fi1 5 Mega Pixel
Camera Control Unit DS-U2 USB with NIS-Elements -F
DS Interface Cable 3m
AC Adapter 2
USB A - USB B, 3m CABLE
Power Cord 220/240V

Camera Stand

RS-1 Camera Stand
High Intensity LED Illumination Unit

Camera Lens and Controller

Step Adapter Ring 62mm-77mm
Step Adapter Ring 77mm-85mm
Fujinon CCTV Lens Model H16*10A-X41 16:1 zoom lens F2.5 without ND Filter, motorised with presets
Century +2.0 Achromatic Dioptrie 86mm * 0.75
Cable for the Mi Macro Imaging Station
Lens Controllers - V3LC

Software

Macro Station Plug In
NIS-Elements D Software Documentation. Acquisition and analysis package, includes camera and Nikon motorized microscope drivers, Single document interface.
NIS-A DBASE Image Database. MS Access compatible database with comprehensive report generator.

PC and Peripherals

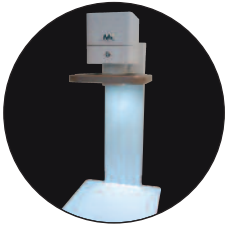
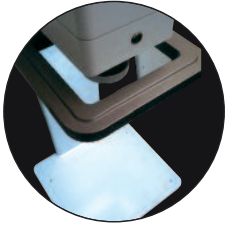
Water Resistant Mouse
Water Resistant Keyboard
Splash Resistant PC
Splash Resistant 17" Touch Screen Monitor

Barcode Reader

Barcode Reader

Optional Water Resistant Monitor

Advantech Monitor and Stylus



**Let Nikon take care of your
pathology requirements**

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