



Complete Microscope with motorized Z-stage

This high quality and affordable micro-motorized system provides all functions necessary for high precision measurements, image capture, 3D-topography, extended depth of focus, documentation and traceable report generation as required by industrial, scientific and biomedical applications. These systems are designed to enable the user to capture high precision images of all kinds of specimen such as insects, bugs, plants, stones, crystals, meteorites, minerals and much more with an astonishing level of detail. This micro/ macro system is a unique combination of high quality Japanese optics, a high quality track stand and a DeltaPix scientific USB3 camera, which makes this system unique and very attractive. The system can be configured with different optics, please see the table below. Other options like other cameras, light source, motorization and more is available on request.

Digital Macroscope system
USB 3.0
Windows vista/Xp/7/8 32 bit and 64bit

Features:

- Microscope with ultra high optical and digital resolution
- Macroscope with auto focus and motorized Z-stage.
- Replacement of traditional stereo micro microscope
- Extremely simple and intuitive to configure and use.
- Comes with ring light as standard
- Ideal for capturing magnificent images of plants, minerals, insects, fossils and similar objects.
- Invenio 10SCIII 10Mpixel camera
- Software: DeltaPix InSight
- Controller for Z-stage

Specifications

- Strack SF (manual): 250mm
- Camera sensor size 1/2.3'
- Minimum working distance: 100mm

Minimum system requirement

- 1 GB RAM
- 15 GB free harddisk space
- USB 3.0 port
- Windows Xp, Vista, 7, 8, 32 bit and 64 bit

Fixed focal length with diferent objectives	Minimum Field of view	Minimum working distance	Zoom	Minimum resolv-able details (in μ)
16mm LM16JC10M	32.34mm	100mm	Fixed	15
25mm LM25JC10M	18.48	100mm	Fixed	9
50mm LM50JC10M	6.16mm	100mm	Fixed	3
Telecentric zoom lens LM50	12.32mm - 6.16mm (in telecentric mode)	100mm	0.5X-1X	4
Telecentric zoom lens TCZ027	23-13mm	150mm	0.275-0.55x	8