



**Digital Micro/Macro-scope system  
USB 3.0**

**Windows vista/Xp/7/8 32 bit and 64bit**

**Features:**

- Microscope with ultra high optical and digital resolution.
- Replacement of traditional stereo microscope for imaging.
- 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.
- Including Invenio 10SCIII 10Mpixel camera
- Optical zoom replaced by digital zoom with out loosing resolution.
- Including software: DeltaPix InSight

**Specifications**

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

**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

**Complete Micro/Macro-scope system**

This high quality and affordable micro/macro 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 many 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 sources, motorization and more are available on request.

| Fixed focal length with diferent objectives | Minimum Field of view                  | Minimum working distance | Zoom        | Minimum resolv-able details (in $\mu$ ) |
|---|--|--------------------------|-------------|---|
| 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                                       |