

General Information:

The progressive miniaturization of components increasingly makes optical quality control difficult. The MI&T microscopes with adjustable focus, high resolution and good illumination in combination with suitable measuring supports allow better visualization of the smallest components. Thus, even the smallest crimp connectors and conductor cross sections for quality control or circuit cards during repair can be displayed with high quality.

- Digital microscopes with display, tripod, lighting, monitor connection and USB interface
- Universally applicable microscopes, e.g. for optical inspection of stripping and crimp quality, visual inspection of welded joints and components, repair of printed circuit boards and small mechanical assemblies
- with LCD display for stand-alone operation.
- magnification up to 560 times
- Monitor connection for external monitor
- PC connection via USB 2.0 in PC camera mode
- Full HD video output
- Real time display
- SD card slot for storing photos/videos on optional Micro SD card
- HDMI display output mode with max. resolution 1920x1080
- USB 2.0 output mode: function as Windows PC camera, storage photo or video, max. Resolution 1080x720p
- Metal tripod with height adjustment and 2 integrated LED lights.
- Optional: various measuring supports, e. g. MHC support for cables with crimped terminals

Technical Data:

DMST302:

Microscope:

- Material: Metal
- Dimensions: 12,5 x Ø3,5 cm
- Image sensor: 3 Megapixels HD Sensor
- Screen: 13 x 9 x 2 cm with 5" LCD display, tilt adjustable
- Opt. magnification: up to 560 times (HDMI Monitor 22")
- Dig. magnification: 1 to 4 times
- Focus range: 5 to 12 cm
- Video output: 1080p Full HD (HDMI), 720p (PC)
- Video format: real time via HDMI, MJPEG via PC
- Photo resolution: 12 M
- Photo format: JPEG
- Frame rate: max. 30 f/s
- Data output: USB 2.0 interface, Video outputs: HDMI, AV
- Storage: SD card slot for Micro SD up to 32 GB
- Power supply: 5 V DC
- PC systems: Win XP/7/8/10

Tripod:

- Dimensions: ca. 27 x 20 x 12 cm
- Material: Metal
- Lighting: 2 integrated LED lights, adjustable.

DMST301:

smaller version of DMST302

Microscope:

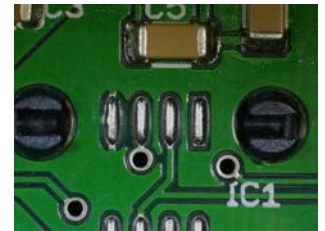
- Material: Metal
- Dimensions: 10,5 x Ø 3,5 cm
- Screen: 3" LCD display
- Opt. magnification: up to 260 times (HDMI Monitor 22")
- PC systems: Win XP/7/8/10

Tripod:

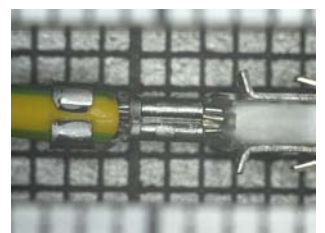
- Dimensions: ca. 21 x 20 x 12 cm
- Other data such as DMST302



DMST302



Specimen holder MHC for cables for DMST microscopes
Stainless steel specimen holder for cables with replaceable prism support (V-groove), clamp bracket, carrier plate with mm grid and guide rails with mm grid.



Crimpverbindung

