



# MICROLAB 10

quality tools



**komax**

## MICROLAB 10

The MicroLab 10 enables a fast and uncomplicated creation of micrographs at any location. All relevant steps such as cutting, grinding, etching and visualization can be performed with it.

The compact suitcase solution ensures cost-effective quality control of crimp connections in the simplest way.

### Mobile, user-friendly and efficient

- Compact micrograph laboratory as suitcase system
- Simple and user-friendly operation
- Short processing time

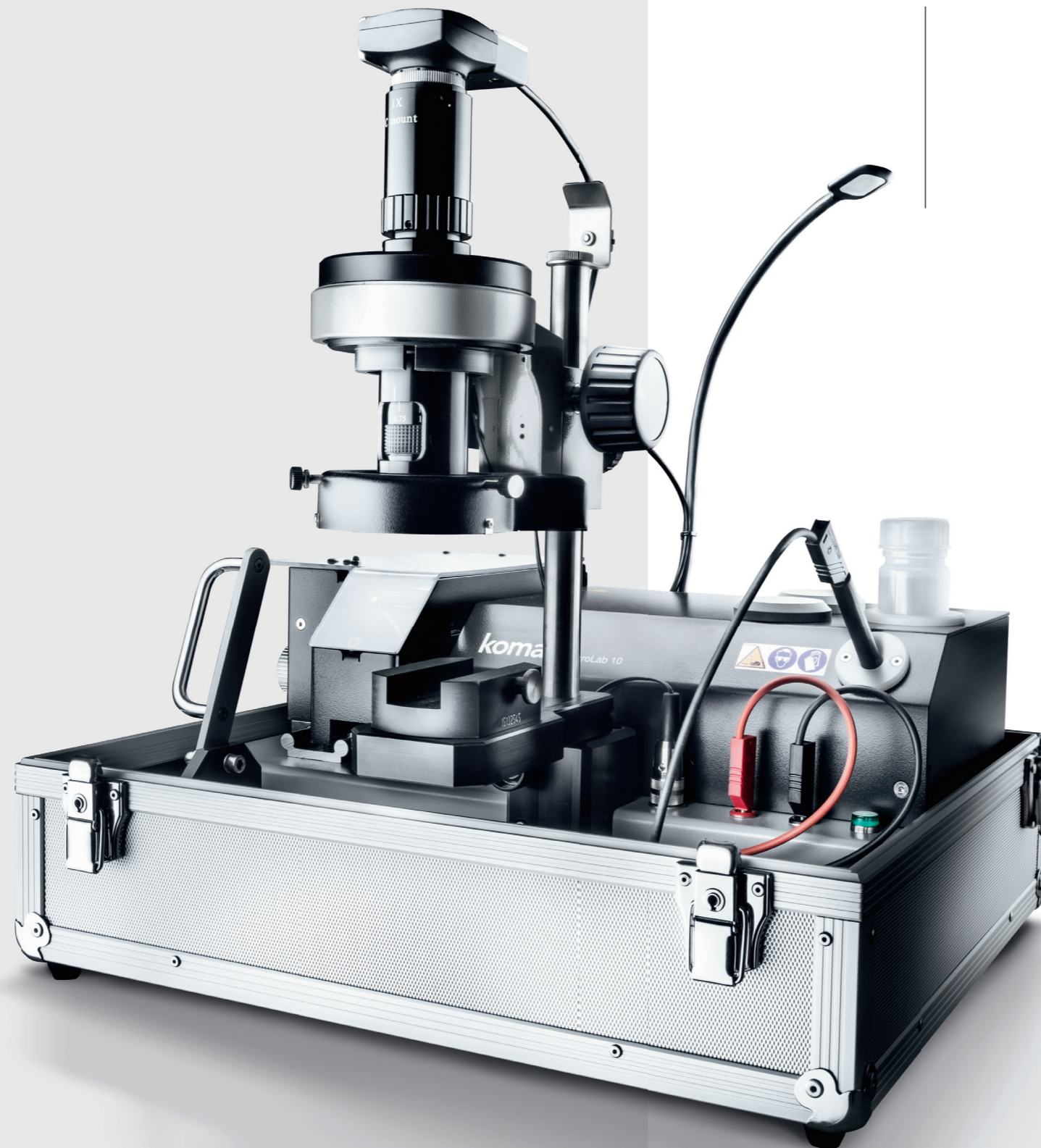
### Ready for immediate use

- All required modules already integrated (cutting, grinding, etching, visualizing)

### Practical and tidy

- Integrated storage compartment for tools and wear parts

## QUALITY CONTROL COMPACT AND MOBILE



### Compact, smart and reliable

The compact MicroLab 10 in the portable suitcase is developed for samples up to a diameter of 2.5 mm. The samples can be quickly clamped in the sample holder – no re-clamping is necessary throughout all work steps. For visualization and the complete documentation of the micrographs, an USB digital camera with microscope is integrated. Thanks to the user-friendly and simple software SmartVision the images can be evaluated exactly and quickly. The mobile MicroLab 10 hardly requires maintenance.

### Fast, simple quality control

With the MicroLab 10, you can create a conclusive micrograph at any time, thereby uncovering quality defects and avoiding expensive failures. Thanks to the mobile use of MicroLab 10, decisions on production release can be made immediately on site.

### SmartVision

The ideal software for the analysis of a micrograph, which includes features such as capturing, measuring, evaluating and documenting images is integrated as standard.

### Technical data

Processing area (max. sample-Ø)	0.5 – 2.5 mm (corresponds to approx. 0.08 – 5.0 mm <sup>2</sup> )
Field of application	B-crimp
Materials	copper
Volume	small quantities
Process	dry
Power supply	230 VAC, 50 Hz
Dimensions (L x W x H)	500 x 360 x 450 mm
Weight	23 kg
<b>Optical module</b>	
Resolution	1.3, 2.1 or 6.4 megapixels
Object size	max. 6.0 x 5.0 mm

## Komax – leading the field now and in the future

As a pioneer and market leader in automated wire processing, Komax provides its customers with innovative solutions. Komax manufactures series and customer-specific machinery, catering to every degree of automation and customization. Its range of quality tools, test systems, and intelligent software and networking solutions complete the portfolio, and ensure safe, flexible, and efficient production.

Komax is a globally active Swiss company with highly qualified employees and development and production facilities on several continents. It provides local support to customers worldwide through its unique sales and service network and offers services that help them get the most out of their investments.

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