MICROLAB
10
quality tools

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The MicroLab 10 enables a fast and uncompli-
cated 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 connec-
tions in the simplest way.

Mobile, user-friendly and efficient
– Compact micrograph laboratory as suitcase
  system
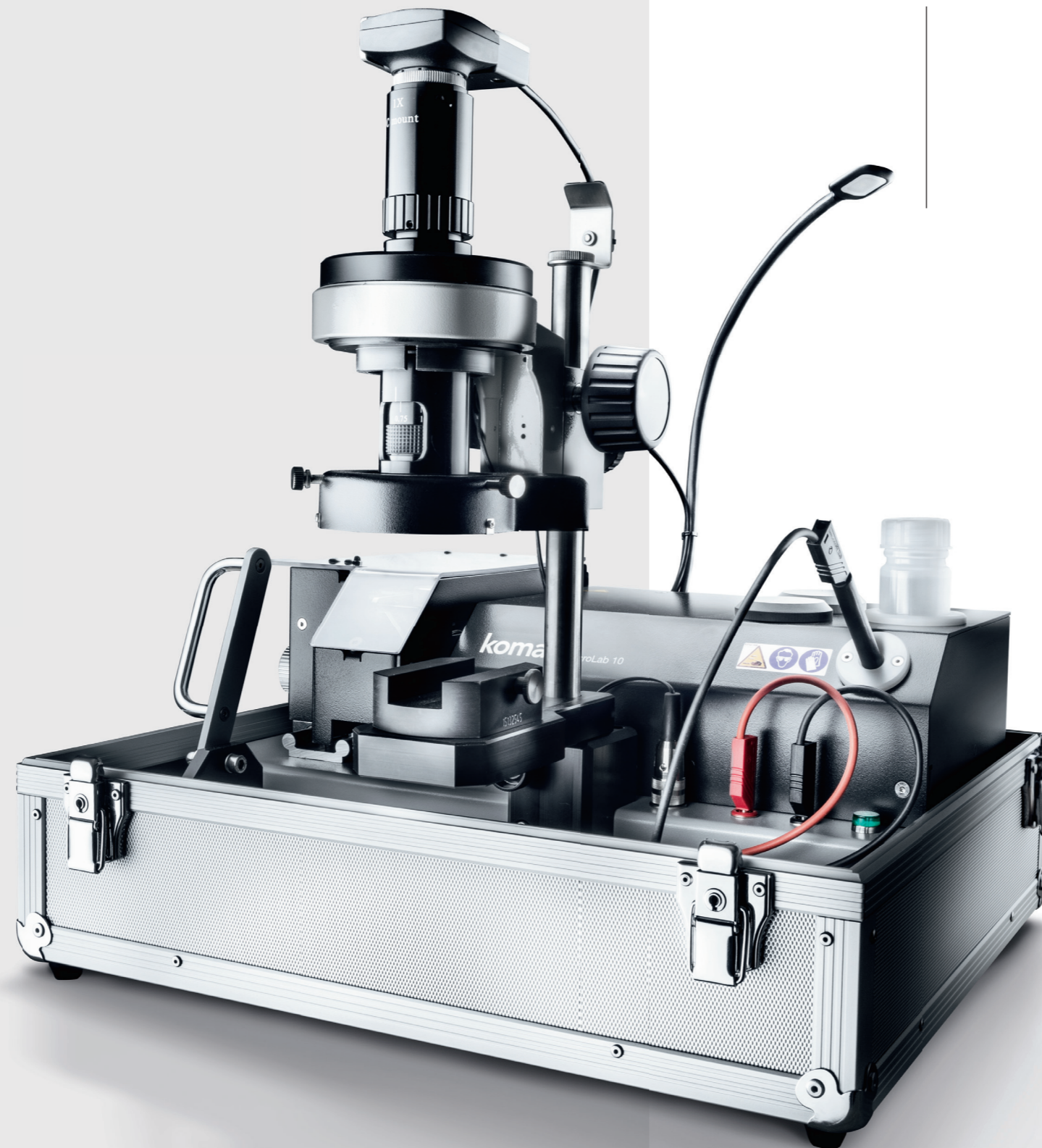– Simple and user-friendly operation
– Short processing time

Ready for immediate use
– All required modules already integrated (cut-
  ting, 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 com-
plete documentation of the micrographs, an
USB digital camera with microscope is inte-
grated. Thanks to the user-friendly and sim-
ple 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 ex-
pensive 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 mi-
crograph, which includes features such as
capturing, measuring, evaluating and doc-
umenting images is integrated as standard.

Technical data

Processing area (max. sample-Ø)	0.5 – 2.5 mm (corresponds to approx. 0.08 – 5.0 mm²)
Field of application	B-crimp
Materials	copper
Volume	small quantities
Process	dry
Power supply	230 VAC, 50 Hz
Dimensions (L × W × H)	500 × 360 × 450 mm
Weight	23 kg

Optical module

Resolution	1.3, 2.1 or 6.4 megapixels
Object size	max. 6.0 × 5.0 mm

Komax – leading the field now and in the future

As a pioneer and market leader in the field of automated wire processing, Komax provides its customers with innovative and sustainable solutions for any situation that calls for precise contact connections. Komax manufactures series and customer-specific machinery for various industries, catering for every degree of automation and customization. Its range of quality tools, test systems, and intelligent networking solutions complete the portfolio, and ensure safe and efficient production.

Komax is a globally active Swiss company with development and production facilities on several continents. Komax uses its extensive distribution and service network, which includes local companies and their employees, to support customers across the world on site, thus ensuring the availability and value of their investments after equipment commissioning through standardized service processes.

40 YEARS CUTTING EDGE

Market segments

Komax offers outstanding competence and solutions for various areas of application and draws on them to generate the desired value-added for the entire process and optimize economic efficiency in line with customer requirements. The main markets of Komax are as follows: automotive, aerospace, industrial and telecom & datacom. With this breadth of experience, customers obtain expert knowledge for process optimization and access to the latest technologies.

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