



MICROLAB 35

quality tools



komax

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The complete assurance of quality is one of the most important competitive factors, whereby the creation of micrographs during production is indispensable.

The micrograph laboratory MicroLab 35 is an essential component within the modern quality management engineering.

Ingenious concept for special uses

- Automatic feed for serial quality inspection
- Precise adjustment of the cutting surface thanks to microscope for magnification and line laser
- Integrated etching unit and magnification module

Durable and fast

- Wet cutting and grinding processes increase the lifetime of wear parts
- Parallel work with several samples (two operators) possible

FAST AND RELIABLE QUALITY ASSURANCE



Technical data

Processing area (max. sample-Ø)	0.5 – 3.0 mm (corresponds to approx. 0.08 – 6.0 mm ²)
Field of application	B-crimp
Materials	copper
Volume	large quantities
Power supply	230 V, 50/60 Hz
Dimensions (L×W×H)	1100 × 320 × 485 mm
Weight	90 kg
Optical module	
Resolution	1.3, 2.1 or 6.4 megapixels
Object size	max. 6.0 × 5.0 mm

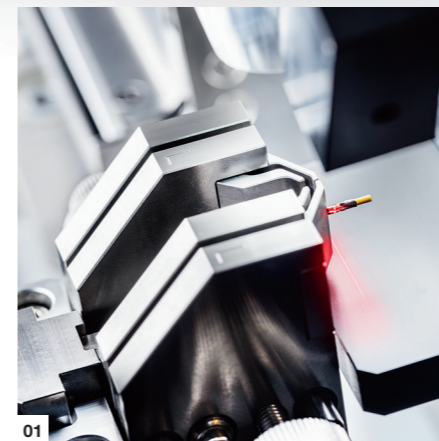
Automated precision

MicroLab 35 is designed for the quick creation of micrographs of samples with a diameter up to 3 mm.

The fully automatic transport system and the proven technology enable a short processing time. The parallel processes allow the continuous creation of micrographs. Fast and laser-based – the sample can be clamped quickly and the cutting surface is precisely determined by laser. Without re-clamping, the MicroLab 35 cuts and grinds the sample automatically.

SmartVision – the ideal software

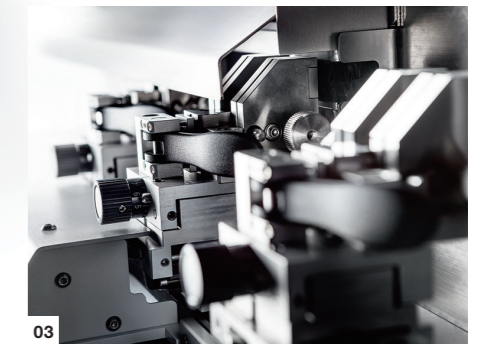
The ideal software for the analysis of a micrograph, which includes features such as capturing, measuring, evaluating and documenting images is integrated as standard.



01



02



03

- 01 The line laser makes the positioning easier.
- 02 No reclamping of the sample necessary.
- 03 Continuous generation of micrographs due to parallel processes.

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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