

SL SBL automaticS

MICROGRAPH LABORATORY



SPEED UP.

Our new Micrograph Laboratory relies on proven SLE technology – and reduces handling time significantly.

Continuous preparation of micrographs up to one per minute is possible. This is realised by the use of a fully automated transport system. The fast, laser supported fixation of the samples allows an accurate setting of the inspection position.

There is no re-clamping of samples – **SL SBL automaticS** cuts and polishes the samples automatically. The samples arrive at the evaluation position, where distinctive micrographs are being generated and analysed.

In order for your company to stay competitive, a fast and reliable quality control system is vital.

Micrographs are essential when assessing new crimp contacts and tools. Like all reliable systems of SLE our micrograph laboratories are another module in modern quality engineering.

QUALITÄTS-ENGINEERING



QUALITY ENGINEERING

SLE electronic GmbH
Josef-Buchinger-Straße 9
94481 Grafenau
GERMANY
Tel.: +49 8552 96 40-0
Fax.: +49 8552 96 40-40
info@sle-electronic.com
www.sle-electronic.com



- Short single cycle time of approx. 90 seconds for cutting and grinding
- Possible clock cycle of 1 micrograph per minute
- Automatic feeder
- Reproducible sample preparation
- Sample range: 0,08 mm² up to 6 mm²
- Accurate alignment of sample surface through laser
- No re-clamping of samples
- Wet cutting and grinding process for improved lifetime
- Cooling lubricant ties abrasion and pollutants
- Regrinding possible

- No manipulation by user when cutting and grinding
- Adapted feed speeds for cutting and grinding process
- Integrated etching system
- Integrated evaluation system
- Small footprint: approx. 1100x320x485mm (LxHxW)
- Power supply: 230V AC, 50/60Hz
- Saw blade Ø 50mm x 0,5mm HM
- Grinding paper Ø 200mm, 9 micron
- Weight approx. 35kg

Specifications subject to change without notice.

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