

Portable Micrograph Laboratory Microlab ML 3003

Portable laboratory to prepare crimp cross sections analysis



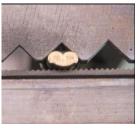
Microlab ML 3003 in operation (standard delivery without notebook)

The handy case laboratory **Microlab ML 3003** with direct power connection enables the process-safe preparation of crimp micrographs. It is completely set up and ready for use in only approx. 90 seconds! Due to the 230V power supply it offers high performance and is suitable for cross sections up to 6mm².

The proven optical unit with 4x zoom and color digital camera provides excellent micrographs, which can be conveniently evaluated with the **innovative X-Scan analysis software**. All necessary accessories, such as terminal holders, calibration pins, etc. are included in the scope of delivery.

Performance features

- Fully equipped micrograph laboratory in a handy case
- In about 90 seconds ready for operation
- Superior digital colour camera USB 3.0 with CMOS sensor and a resolution of 2592x1944 pixels
- Suitable for small and medium contact sizes from 0.1 to 6mm²
- Short processing time between 3 5 minutes per micrograph
- S Higher performance due to direct power supply



Clamped microsection



Quality Management Environmental Management ISO 9001 ISO 14001 www.dekraseal.com C-tec Cable technologies GmbH & Co.KG Ilztalstraße 11 Tel.: +49 (0) 8554 – 94 23 9-0 D-94513 Schönberg Fax: +49 (0) 8554 – 94 23 9-20

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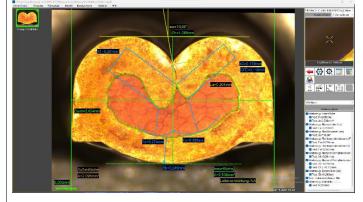
Crimping Line





Polishing liquid free of hazardous substances

ML in rugged case made of HPX High Performance Resin



Analysis software X-Scan

Technical specification

- 8 Type
- 3 Power supply
- Smallest extension (15" monitor) 8
- 8 Largest extension (15" monitor)
- 3 Smallest crimp height for a full screen
- \bigcirc Largest crimp height for a full screen
- 8 Measurement resolution µm per pixel
- 8 Optical zoom grades
- 3 Camera resolution
- 3 Camera connection
- Object illumination
- S Fine polishing
- Cross section sizes
- Recommended temperature
- Dimensions (W x D x H)
- 8 Weight

ML 3003 100 - 240 V / 47 - 63 Hz 32x 120x 1.8 mm 7.0 mm 2.7 µm, 2.1 µm, 1.4 µm, 1.0 µm, 0.8µm, 0.7µm 0.75 - 1.0 - 1.5 - 2.0 - 2.5 - 3.02592x1944 pixels USB 3.0 port Long-life LED ring light for true to colour pictures Electrochemical 0.1mm² - 6mm² 22°C +/- 5° 488 x 386 x 185 mm 13,5 kg (complete with case)



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Further performance features

- Proven zoom objective with 4x zoom
- Song-life **LED illumination** at the microscope
- Sample holder Screwfix for cross sections up to 6 mm²
- Appropriate tool set for sample preparation
- Calibration base with measuring scale incl. calibration certificate
- Polishing of the cross section with acid free electrolyte
- So No deformation of clamp and cable due to the cutting process
- So With comfortable analysis software X-Scan

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