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## Crimping Line

# Optic Station ML 3204

Microlab optic station with 4x zoom



Optic station ML 3204 with 4x zoom

The proven **optic station ML 3204** has four optical zoom levels and an excellent colour digital camera. Due to the good price-performance ratio, this measuring microscope is also interesting for occasional use.

By means of the included **X-Scan evaluation software**, the micrograph can be analysed and measured, evaluated and documented according to relevant standards or specified customer requirements.

## Performance features

- **Optics station** functionally and ergonomically integrated into an MDF board with stainless steel coating
- High quality zoom optic VZM 0.75 – 3x
- Mechanical click locking
- With convenient **X-Scan analysis software**
- Calibration base with measuring scale incl. calibration certificate



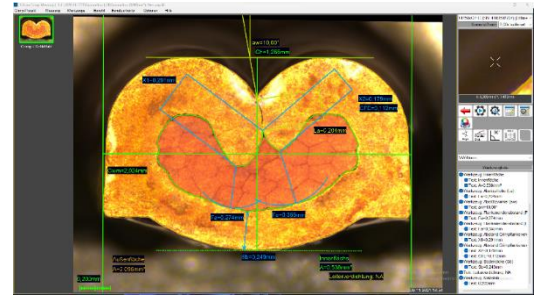
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### Further performance features

- ④ Microscope holder with 2 adjustment knobs for setting the image sharpness (coarse adjustment)
- ④ LED ring light with Fresnel lens AA 100 mm for illuminating of the field of view
- ④ **Colour digital camera** USB 3.0 with a resolution of 2592x1944 pixels
- ④ Stainless steel tripod with safety ring



Display of the crimp with the X-Scan analysis software

### Overview sample sizes

	Minimum magnification		Maximum magnification	
	vertical	horizontal	vertical	horizontal
<b>4x zoom</b>	7.1 mm	5.3 mm	1.8 mm	1.4 mm



Inclusive evaluation software X-Scan

### Technical specification

④ Type	ML 3204
④ Voltage supply	100 – 240 VAC 50/60 Hz
④ Smallest extension (15" monitor)	32x
④ Largest extension (15" monitor)	120x
④ Smallest crimp height for a full screen	1.8 mm
④ Largest crimp height for a full screen	7.0 mm
④ Measurement resolution µm per pixel	2.7 µm, 2.1 µm, 1.4 µm, 1.0 µm, 0.8µm, 0.7µm
④ Optical zoom grades	0.75 – 1.0 – 1.5 – 2.0 – 2.5 – 3.0
④ Camera resolution	2592x1944 pixels
④ Camera connection	USB 3.0 port
④ Object illumination	Long-life LED ring light for true to colour pictures
④ Recommended temperature	22°C +/- 5°
④ Dimensions (W x D x H)	430mm x 470mm x 430mm
④ Weight	12 kg



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