

"Your monitoring specialist"
certified ISO 9001 + ISO 14001

Crimping Line

Optic Station OP 4001

Light-intensive Microlab optics station with 6x zoom



Optic station OP 4001 for larger crimp cross sections

The **optic station OP 4001** is used to examine crimp micrographs after the polishing process. The zoom lens covers a large zoom range and is very bright, which means that even large objects can be measured. It is also well suited for side measurement of contact parts.

Using the **X-Scan analysis software** supplied, the micrograph can be analysed and measured, evaluated and documented according to relevant standards or specified customer requirements.

Performance features

- Extensive **optics station** functionally and ergonomically integrated into an MDF board with stainless steel coating
- Excellent zoom **optics for large measuring objects** as well as for side measurement of contact parts
- High depth of field
- With comfortable **X-Scan analysis software**



*Inclusive evaluation software
X-Scan*



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Further performance features

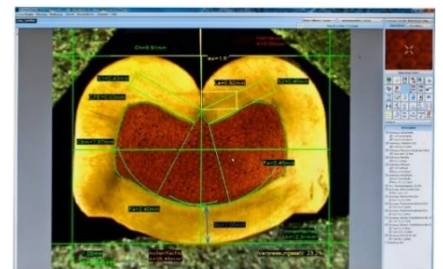
- ⊗ Microscope holder with 2 adjustment knobs for setting the image sharpness (coaxial coarse adjustment)
- ⊗ LED ring light for illumination of the field of view
- ⊗ **First-class digital colour camera USB 3.0** with CMOS sensor and a resolution of 3072x2048 pixels
- ⊗ Calibration base with measuring scale incl. calibration certificate
- ⊗ Stainless steel tripod with safety ring



Also suitable for the examination of samples up to a size of 70x52mm

Overview sample sizes

	Minimum magnification		Maximum magnification	
	vertical	horizontal	vertical	horizontal
6x Zoom (Zoom 7000)	52.0 mm	70.0 mm	11.0 mm	16.0 mm



Measurement of the crimp with X-Scan

Technical specification

- | | |
|---------------------------|--|
| ⊗ Type | OP 4001 |
| ⊗ Voltage supply | 100 – 240 VAC 50/60 Hz |
| ⊗ Camera resolution | 3072x2048 pixels |
| ⊗ Camera connection | USB 3.0 port |
| ⊗ Object illumination | Long-life LED ring light for true color pictures |
| ⊗ Recommended temperature | 22°C +/- 5° |
| ⊗ Dimensions (W x D x H) | 430mm x 470mm x 680mm |
| ⊗ Weight | 12 kg |