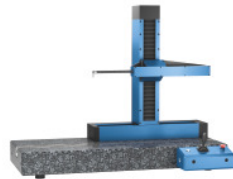


**optacom****Contour measuring instrument LC-10 LC10PLUSTD**

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**Order data**

|              |                   |
|--------------|-------------------|
| Order number | 499322 LC10PLUSTD |
| GTIN         | 2050002076396     |
| Item class   | 40N               |

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**Description****Version:**

The entry-level system for the whole variety of contour measurement tasks. Very good 30 nm resolution directly at the probe tip. Body of high-tensile aerospace-grade aluminium on a solid granite base.

- **High-precision linear axes with integral drive**
- **Non-contact linear incremental measuring system for absolute freedom from wear**
- **Axis guide and head of a single workpiece, integrally machined**
- **X-axis permanently fixed to the Z-axis with absolutely zero play**
- **Contour and roughness measured in a single pass (pre-requirement: roughness module)**

**Supplied with:**

Optacom LC-10 measuring machine, industrial PC with monitor, mouse and keyboard, Windows operating system, optacom contour software, calibration standard with certificate (for machine calibration), a quick-change lock and a contact point 20.5 mm. Incl. top-down module.

Including automatic Y-table

**Optional extras:**

- **Roughness**

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**Technical description**

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|                                     |                        |
|-------------------------------------|------------------------|
| Straightness                        | 1.5+L/100 µm           |
| Power supply                        | Mains-powered          |
| Footprint length                    | 950 mm                 |
| Resolution on the X axis and Z axis | 0.02 µm                |
| Measuring range X                   | 225 mm                 |
| Measuring speed X                   | 0.1 - 2 mm/s           |
| Weight                              | 150 kg                 |
| Accuracy                            | 1.5+L/100 µm           |
| Resolution at the probe tip         | 0.03 µm                |
| Gauging force                       | 10 - 150 mN            |
| Measuring range Z                   | 225 mm                 |
| Baseplate width                     | 490 mm                 |
| Height                              | 760 mm                 |
| Type of product                     | Contour measuring tool |