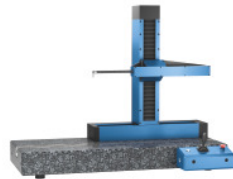


optacom**Contour measuring instrument LC-10 LC-10**

Order data

Order number	499322 LC-10
GTIN	2050002078666
Item class	40N

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 TFT 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.

Including manual Y-table

Optional extras:

- **Top/down module**
- **Roughness**

Technical description

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