



Contour measuring instrument, Type: CM1-CNC

Order data

Order number	499250 CM1-CNC
GTIN	4045197940421
Item class	41Q

Description

Version:

Simple contour measuring instrument with non-contact optical incremental measurement system. **Solid granite base** and high-precision axes with pre-loaded zero-play linear ball bearings. CNC-controlled X and Z-axes (either by keyboard or optionally by joystick).

Measurement functions:

- **Set the measured section and measurement rate.**
- **Programming automatic procedures by Teach-In.**
- **Simple selection of regression lines and circles.**
- **Create free and dependent intersections.**
- **Create auxiliary lines, auxiliary circles and reference spheres.**
- **Rotate contours and mirror contours.**
- **Determine the shape and position.**

CNC-controlled Y-table for automatic searching for the highest and lowest points in the Y-direction. **Caution: Precondition for top-down measurement!**

Supplied with:

Supplied with measurement computer, monitor, mouse and keyboard, calibration standard, contact point mounting, contact point 20.5 mm.

Optional extras:

Joystick No. 499255, software options No. 499258, mountings and contact points 499260 – 499269. Top-Down software option with calibration standard No. 499257.

Note:

We reserve the right to make technical changes and to change the version of the PC and monitor.

Measuring range X: 190 mm

Measuring range Z: 275 mm

Measuring range Y: 40 mm

Measurement system X: High-accuracy, incremental, non-contact

Measurement system Z: High-accuracy, incremental, non-contact

Measuring system T: High-accuracy, incremental, non-contact

Technical description

Type of product

Contour measuring tool