

# Product information

## Manual measuring stations MarSurf Engineered Engineered Solutions MarSurf Engineered Series 0

### Product features

#### MarSurf Engineered series 001 – manual universal measuring station

The manual positioning axes make this measuring station particularly suitable for the efficient and flexible measurement of a variety of workpieces.

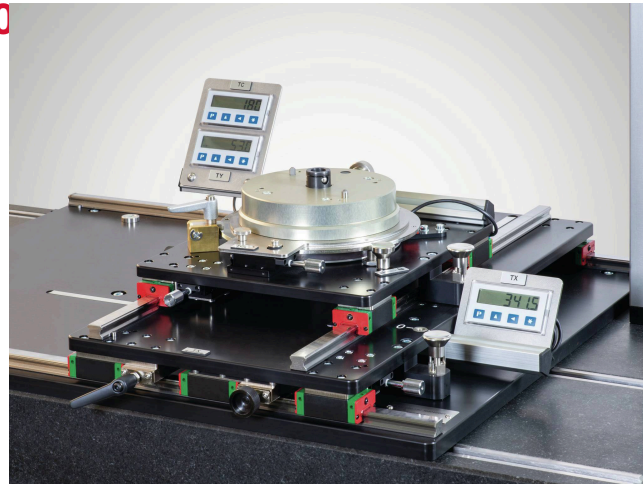
This measuring station offers an excellent alternative for daily processes in the measuring room, especially for workpieces for which the CT300 XY-table with its displacement paths no longer suffices.

Workpieces with an edge length of up to 300 mm and a weight of approx. 30 kg can be positioned and aligned as required by the user for the measurements.

Longer displacement paths (260 mm or 360 mm) and a 360° rotation extend the standard range of functions. Workpiece positioning is supported by digital displays on all axes.

There is also the option of fitting one or two swivel axes (TA or TA/TB) with a standard quick-change interface, so even awkward orientations can be positioned easily without a special workpiece holder.

The measuring station can be supplied in various drive unit configurations.



Item no.: 9900001\_MES

### Technical data

<b>Workpiece weight max.</b>	30
<b>Measuring principle</b>	tactile
<b>Dimensions in mm</b>	1000 x 550 mm <sup>2</sup>
<b>Positioning volume x</b>	360
<b>Positioning volume y</b>	260
<b>Positioning volume z</b>	750
<b>Addition to positioning volume x y z</b>	360° rotation axis for C-axis, optional one or two swivel axes
<b>Weight (gross)</b>	0 KG

### Application

#### Machine building

Bearings, threads, threaded rods, ball screws, shafts, racks

#### Measurement close to production

Contour measurement in a semi-automatic process

#### Automotive industry

Steering, brake system, gearbox, crankshaft, camshaft, cylinder head

#### Medicine

Contour measurement for hip and knee endoprostheses, medical screws, dental implants