

Product information

Fully automated MarSurf Engineered measuring stations Engineered Solutions MarSurf Engineered

Product features

This measuring station concept for fully automated measurements with five positioning axes (three linear and two rotational axes) is particularly suitable for small workpieces weighing up to approx. 10 kg and a volume of up to approx. 1 liter, e.g. nozzle bodies or valve needles. The position of the workpiece is achieved with two fast and highly accurate linear axes and rotational axes. It ensured that measuring points are approached securely and in a reproducible way (e.g. measuring points in bores with a diameter of less than 1 mm). Roughness and contour evaluations are completed in one measurement with the MarSurf LD 130. In addition to the advantages the measuring station has to offer, you will also benefit from the advantages of the drive unit, such as the easily changeable measuring force that remains constant over the entire measuring range. The fully automated measuring procedure positions the workpiece in the different positions and completes measurements that are difficult to set, for example. Automatic probe arm replacement (TWE) minimizes the operator's influence on the measurements and also minimizes the operator's tie to the machine due to the fully automated process. At the end of the measurement, all of the results will be clearly displayed on the screen for you without any repeat intervention, are printed as a measuring record, and are exported for statistical analyses. This measuring station offers maximum cost-effectiveness and flexibility for production and your measuring room. The measuring station concept stands out for the:

- Fully automated measuring sequence without any operator intervention
- Reproducible insertion of different workpiece holders using pneumatic zero-point clamping system
- Close to production, i.e. save time with short paths
- One touch operation guarantees ease of use and measuring certainty
- Save time as no setup time is required for the

Item no.: 9901000_MES

Technical data

Measuring principle	tactile
Weight (gross)	0 KG

Dimensions

