



# Contour Measuring Machine

## Machine Specification

Make & Model : Zeiss SurfcomNex 030 SD-14-N  
Controller : Zeiss

## Technical Specification

Measuring range Z : 60mm  
for contour  
Resolution contour : 0.04 $\mu$ m  
Accuracy Z :  $\pm(1.5+[2H]/100)\mu$ m  
Straightness X : 1 $\mu$ m/100mm  
Resolution : 0.04  $\mu$ m  
Measuring speed : up to 20 mm/s  
Positioning speed : up to 60 mm/s

Contour Measuring Machine is an instrument that can measure the roughness and contours of components profile in a single probe step or in separate measurement runs. Contour Measuring instruments can be used to measure either the roughness or contours of work pieces. With contour measurement instruments, one can measure the angles, radii, distances and coordinates of the work pieces. One can evaluate the results in a computer-controlled target-actual comparison. This is based on the measured or CAD-based profile specifications.