

»smileBasic«

The ZOLLER tool presetter and measuring machine »smileBasic« with measurement Software »pilot« convinces with extremely simple menu operation and precise measuring results. Using the knob / push button, you control the menus on the 7" monitor, select functions, and confirm them with the push of a button.



ZOLLER tool presetter and measuring machine »smileBasic«

SMILEBASIC

Basic Equipment:

- Easy to use and quick to learn with minimal training
- SK 50 high-precision spindle with integrated calibration spheres including spindle indexing and braking
- Fast measurement, setting and testing of tool cutting edges (length, diameter)
- Software function to determine and measure the maximum contour of the tool
- Various measuring programs for simple measurement like radial and axial run-out of the tool cutting edge in the μm range
- Quick and easy printing of the measuring results on labels (option)
- One-hand control handle for quick, concurrent positioning of the Z- and X-axes
- Data output via RS232 interface

Technical Data:

- Max. tool length Z: 350 mm
- Max. tool diameter X: 320 mm

Benefits:

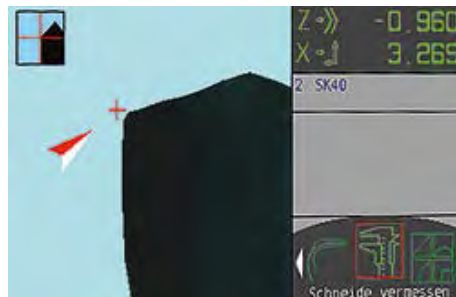
- Compact and shop floor compliant
- Easy operation, doesn't require extensive training
- Fast measuring results at the push of a button
- Installed next to the CNC machine

Options:

- Base table
- Cutting edge inspection (12-fold magnification of the cutting edge in incident light)
- Projector function
- Software function for the output of thermal labels
- Tool management
- Navigator – compass needle
- Pneumatic spindle indexing and spindle brake
- SK 50 vacuum tool mounting spindle
- Adapter and utensil tray (only available with base table)
- Adapter SK, HSK, Capto, VDI and many more
- Spindle-protection
- Label printer



Dynamic crosshairs for automatic and fast measurement independent of the operator



Compass needle for simple camera positioning to measure nominal values (option)



Software function for determining and measuring the tool contour



Cutting edge inspection – 12-fold magnification of the cutting edge in incident light for quality control (option)