

**ZOLLER**  
expect great measures®



Mini-must-have Presetting  
and Measuring Machine  
**»smileCompact«**

The new »smileCompact« is the perfect entry point into the world of ZOLLER! Absolute precision, simple operation, fast results. ZOLLER »smileCompact« is ideal for all standard tools and designed for the tool requirements of medium-sized and small batch sizes. Robust, space-saving, and flexibly — and can be placed directly beside the CNC machine, on the shop floor, or in production islands.



- ✓ Available in up to seven selectable measuring ranges in Z and X
- ✓ High precision spindle ISO 50 with integrated calibration edges, locking device 4 x 90°, spindle brake
- ✓ Membrane keyboard for power-operated spindle brake and spindle lock
- ✓ Lightweight metal construction with optimal thermal conductive capacity for use in workshops
- ✓ Heidenhain glass scales for high measuring accuracy
- ✓ Electronic fine adjustment of the X and Z axis
- ✓ »eQ« ergonomic one-hand control handle
- ✓ CCD camera with telecentric lens
- ✓ ZOLLER image processing software »pilotStarter«

- ✓ Dynamic cross hairs over entire measuring window
- ✓ Analog focusing display for focusing the tool cutting edge
- ✓ Automatic cutting edge recognition, also greater than 90°
- ✓ Integrated 360° LED incident light for cutting edge inspection
- ✓ ZOLLER measuring machine control unit (Panel PC) with 13" touch display
- ✓ Adapter and tool management
- ✓ Zero point monitoring for process reliability
- ✓ Numerous measuring programs, for example, concentricity and run-out
- ✓ Table electronics with variable monitor position and space for a label printer and key shelf

We reserve the right to make technical changes.



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Technical Data	Measuring range Z	Measuring range X	Diameter	Snap gauge $\emptyset$
»smileCompact«	350 mm / 13.8"	160 mm / 6.2"	320 mm / 12.6"	0 mm

**Note:** The quoted measuring range may be reduced under circumstances when using adapters and tool posts.  
The maximum tool diameter X is reduced when selecting the Snap gauge  $\emptyset$



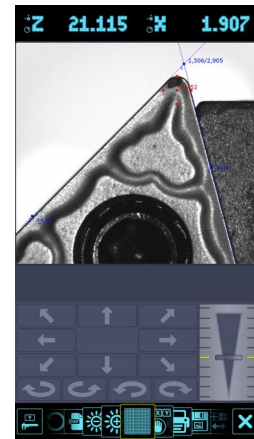
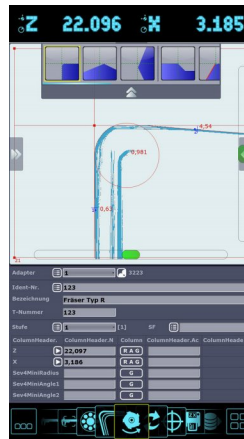
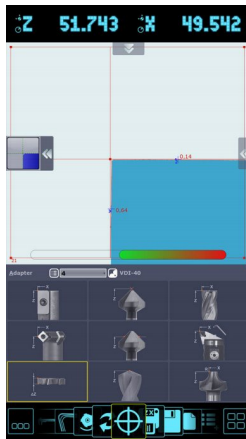
### »pilotStarter«

Simple, fast, and operator-independent.  
Provides all standard measurements such as the length and cross dimension, radius, angle, concentricity, and axial runout at the push of a button

The »elephant« measuring program assistant for the easy measurement of a wide range of parameters for various tool types — without any special training or prior knowledge

Software function for determining and measuring the maximum contour of all the cutting edges of a tool

Projector function and cutting edge inspection for the qualitative assessment of the cutting tool edge



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Table with storage boards



Adapter or tool trolley



Standing aid



Label printer



Protective cover



SK 50 high-precision  
spindle



SK 25 - 60 steep  
taper adapter



HSK 25 - 63 hollow shank  
taper adapter



Capto C 3 - 10 adapter



VDI 20 - 80 adapter



KM 32 - 63 adapter



Hydro-expansion clamping  
adapter

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