

smile  
**compact**

Your start to professional  
tool presetting and measuring



**ZOLLER**  
expect great measures®

smileCompact

# Original ZOLLER

Absolute precision, simple operation, fast results. That is what ZOLLER presetting and measuring machines have delivered all along — and now these qualities are available “to go” with the ZOLLER »smileCompact«. Robust, space-saving, and flexible, this presetting and measuring machine can be placed on the shop floor. It includes the best brand-name components and the new ZOLLER »pilotStarter« image processing technology for ergonomic, operator-independent use. The new »smileCompact« is your perfect entry point into the world of ZOLLER.



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# Precision

For precise measuring results every detail is important, including how these details are combined.

Only when everything fits together perfectly does a presetting and measuring machine become a ZOLLER. Like the new »smileCompact«.



## Single-hand Operating Device

For manual, quick adjustment of the Z and X axes.



## Image Processing | Optics

Reliability and precision guaranteed — with telecentric lens and CCD camera including integrated 360° LED incident light for cutting edge inspection.



## SK 50 High-precision Spindle

Integrated calibration spheres and a concentricity of 0.002 mm. Separate zero gauges are not required.



## User Interface

ZOLLER measuring machine control with 13.3" multi-touch screen and operation.



## Membrane Keypad

The membrane keypad controls all power-activated functions of the spindle such as the spindle brake and the 4 x 90° indexing.



## Label Printer

For printing various parameters such as ID, T number, adapter numbers, description, Z and X value, corner radius, angles, radial and axial runout, and/or plain text or code.



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# Immediately Ready For Operation

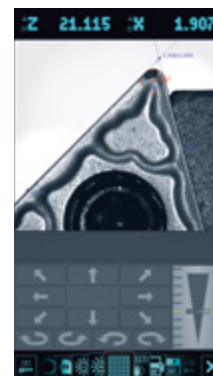
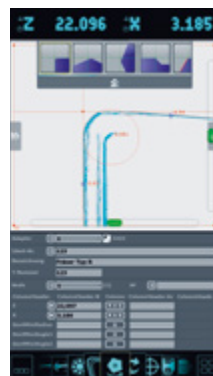
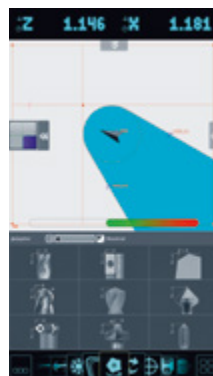
Simple, fast, and operator-independent: »pilotStarter« provides all standard measurements such as the length and diameter dimensions, radius, angle, and radial and axial runout at the push of a button. All this without special training, and with precise results from day one.

## Highlights of the ZOLLER »pilotStarter« Image Processing Software

ZOLLER »elephant« for the easy measurement of a wide range of parameters of 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.

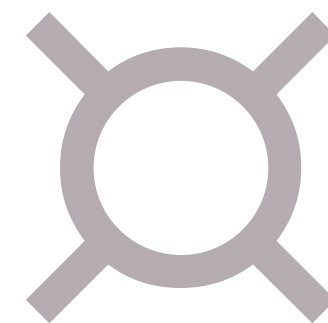
Cutting edge inspection for tool wear and micro chipping detection.



## »smileCompact« Technical Data

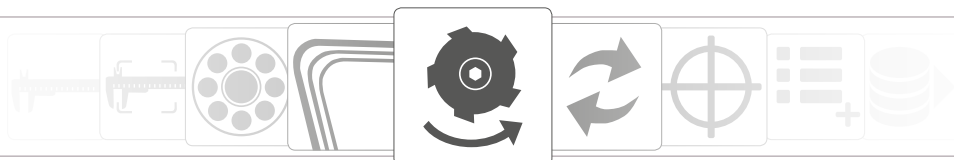
Max. Tool Length Z	350 mm (13.77 in)	
Max. Tool Diameter D	320 mm (12.60 in)	
Snap Gauge d	0 mm	
Drive	Manual	●
Measuring Machine Control	13.3" »pilotStarter«	●
Machine Spindle	SK 50 High-precision Spindle	●
	Spindle Hand Wheel	●
Automatic Zero-point Monitoring		●
Machine Spindle	Manual	●
Cutting Edge Inspection		●
Machine Table		⊙
Membrane Keypad		●
Adjustable Air Valve with Water Drain		●

● standard ⊙ option



## ZOLLER Solutions The Solution for Your Success

More speed, greater flexibility, safer processes – with ZOLLER solutions you'll get more out of all aspects of your production. We combine hardware, software, and services with our unique manufacturing expertise. Everything from a single supplier. Everything for your success. Everything with ZOLLER solutions.



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Subject to technical modifications. The depicted machines may include options, accessories, and control variants. Delivered products have product safety labels in accordance with ISO 3864-2 or ANSI/NEMA Z535.4. BRSMIC.00-US 04/2018.

[www.zoller-usa.com](http://www.zoller-usa.com)

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