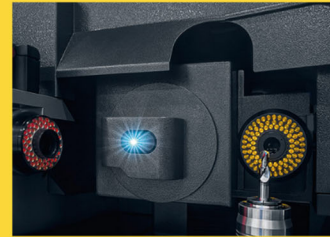


INDUSTRY NEWS

ZOLLER
expect great measures

Universal Measuring Machines

Zoller measuring machines work precisely, repeatable, and independent of the user!



Zoller has you covered when it comes to their line of measuring machines!



Edge Control

Detects & measures wear marks and defects along cutting edge, fully automatically

Genius

All types of cutting tools measured completely

HobCheck

Hob Cutters completely and fully automatically measured

SawCheck

Precision in the measurement of saw blades



SmartCheck

Fully automatic complete inspection of all kinds of tools

ThreadCheck

The Expert for Measuring of Taps

Titan

Unrivalled Flexibility and Precision in the Measurement of Precision Tools

3DCheck

Fully automatic high-end 3D scanning and measuring machine



EdgeCheck

- Detects even small perforations on the cutting edge.
- Precise inspection that doesn't damage tools.
- Seamless documentation of all measuring results.
- Wear evaluation at the clearance angle and in the chip space, evaluation table with measurement data.

Genius

- All types of cutting tools measured completely.
- For fast inspection and complete control of cutting tools.
- Fully automatic complete control, documentation included.
- Best hardware quality combined with extensive "Pilot" software and large selection of measuring programs.
- Seamless processes thanks to interfaces to program systems and grinding machines.



HobCheck

- Tooth for tooth: fully automatic complete measuring of hard metal or HSS milling cutters.
- Fully automatic complete measuring of the parameter according to DIN 3968.
- CNC-controlled, swivel optic carrier for distortion-free measuring of the tooth form.
- Intelligent combination of image processing technology, CNC axes and measuring sensor.

SawCheck

- Simple, quick and safe complete check of precision blades for manufacturers and grinding shops.
- Precision camera swivel with incident light image processing for axial and radial inspection of blades, measuring sensor for runout compensation on the master blade from D300mm.



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INDUSTRY NEWS



SmartCheck

- Universal measuring machine for all cutting tools: measure, inspect, record.
- Precisions camera swiveling with incident light image processing and segmented LED illumination for inspecting axial and radial geometries on tools.
- Pilot 3.0 image processing technology with extensive software functions and integrated measuring programs for inspecting and measuring tools.

ThreadCheck

- The expert for measuring of taps.
- High Precision – Six CNC-axes and swiveling multisensory optic carrier “OrthoScan” for fully automatic distortion-free measuring of helical cutting tools.
- Large selection of photorealistic and modular measuring programs including specific thread measuring programs.



Titan

- Unrivalled flexibility and precision in the measurement of precision tools.
- Fully Automatic measuring of precision tools and cutting edge preparation.
- Precise CNC-controlled multisensory measuring system, automatic level control and low-vibration base.
- As a result of the transmitted and incident light camera, multi-LED lighting and SKP sensor – controllable with up to seven CNC axes.
- Extremely easy operation without expert-level skills required.
- Allows highly complex measurements to automatically and quickly create inspection reports.

3dCheck

- Fully automatic high-end 3D scanning and measuring machine.
- With process-oriented 3D digitalization it opens up new dimensions.
- Numerous measuring and analysis algorithms for an extensive tool-product portfolio.
- Time-saving realtime image transmission
- Quick data export to all common CAD formats



www.zoller.info/us/home.com