

MAXIMUM PERFORMANCE & HIGHEST SYSTEM ACCURACY

REVO®

REVO® 5-Axis-Measurement System



HIGH-PRECISION SCANNING AT
HIGH SPEED

REVO® 5-AXIS-SYSTEM

HIGH PRECISION SCANNING AT HIGH SPEED

With the REVO, the measuring machine has the ability to perform the most accurate measurements with extremely high scanning speeds and data rates due to its unique technology. By means of the Active-Head function, the fast Scanning movements performed by the stepless axes of the head, while the machine axes perform slower movements. This ensures reliable results, even with large extensions, and the Head-Touch Function for quick single point fantasies.

The infinitely variable axes provide maximum workpiece accessibility with minimum need for probe change, probe material and calibration time. The exchangeable roughness sensor with sixth axis turns the measuring machine into a surface measuring device. In combination with the user-friendly measuring software WM | Quartis, the REVO offers unprecedented speed and flexibility.

FEATURES

- **Active head function** enables scanning at extremely high speed (up to 500 mm/s²)
- **Fast single point probing** with head-touch function
- **Undercuts** with conventional 3-axis mode and angled probes
- **Extensions** up to 800 mm possible
- **Short calibration time & few probe changes** due to unlimited positioning possibilities
- **Low cost** of probe material
- **Full integration** into user-friendly measurement software WM | Quartis
- **Surface roughness sensor** optionally possible

REVO IN WM | Quartis

- Full integration of REVO functionalities in WM | Quartis
- Simply set probing strategies and scan paths via menu ribbon and view in preview graphic
- Fast surface measurement with sweep scan; simple cylinder measurement as helical scan
- Complete integration of the REVO in graphic display, swivel dialog and probe catalogue
- Fast measurement even with high point density (up to 6,000 points/second)



REVO

INNOVATION MEETS TRADITION

The WENZEL Group is a market leader in innovative Metrology. WENZEL offers a comprehensive product portfolio in the fields of Coordinate Metrology, Computed Tomography and Optical High Speed Scanning. The technology of WENZEL is used in all industries, including the automotive sector, aeronautics, power generation and

medicine. WENZEL looks at today on an installed base of more than 10,000 machines worldwide. Subsidiaries and agencies in more than 50 countries support sales and provide after-sales service for our customers. The WENZEL Group today employs more than 600 people.



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We are there for you worldwide. You can find our subsidiaries, sales and service partners at **www.wenzel-group.com**.

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