

INNOVATIONS IN METROLOGY

WENZEL LH WITH ROTARY TABLE

Our solutions for your measuring tasks



THE LH SERIES WITH ROTARY TABLE

FULL FLEXIBILITY FOR EVERY MEASURING TASK

All measuring machines of the LH series can be configured with an additional integrated rotary table. This enables both the precise 4-axis measurement of rotationally symmetrical components and the reliable measurement of the entire spectrum of prismatic components. The base plate and linear axes are made of temperature-stable materials. This ensures excellent temperature behavior

of the entire measuring system. In order to guarantee the highest precision, air bearings are used in all axes. The optimum measuring system can be configured according to component size, component weight and measurement requirements. Different mounting heads and touch probes allow an optimal adjustment to your measuring requirements.

FEATURES

- **High accuracy** due to identical thermal behavior of the granite in all axes
- **Excellent long-term stability** due to air bearing guides incorporated into the granite base plate and high-precision lapped guide surfaces
- **Extreme wear resistance** and freedom from residual stresses thanks to high-quality granite components
- **Excellent durability** based on innovative drive, bearing and guidance technologies
- **High-resolution scales** ensure exact positioning and precise measurement results
- **WM | Gear Analyzer** software based on the open GDE standard allows numerous measurement and evaluation options

FIELDS OF APPLICATION

The LH series with rotary table quickly and reliably measures rotationally symmetrical as well as prismatic precision components. The numerous models and equipment options allow optimum adaptation to your measuring requirements.

Gears

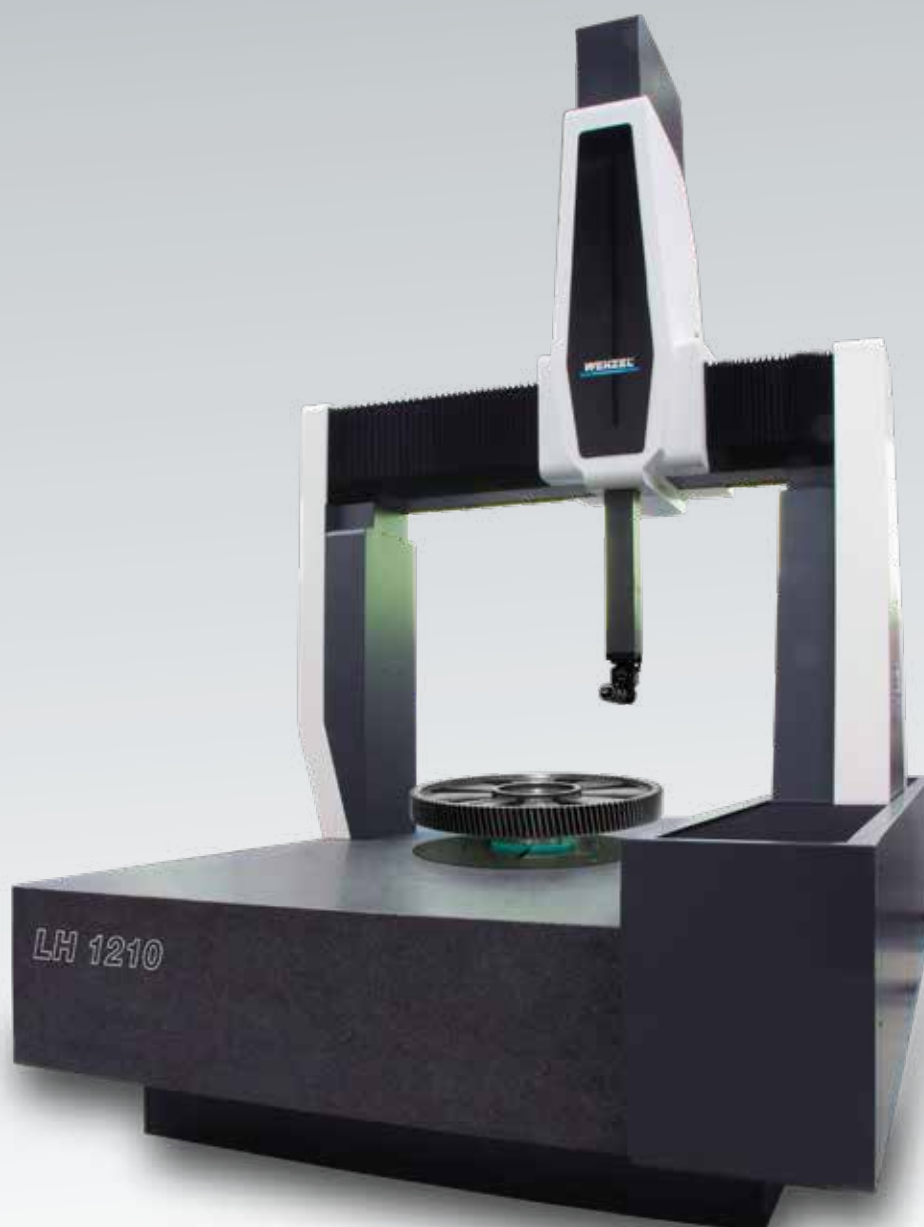


Bearings and couplings



Shafts and axes





YOUR ADVANTAGES AT A GLANCE

■ High mechanical precision

Granite base | Handcrafted | Precise air bearings in the linear axes

■ Low operating costs

Low air consumption | Reliable and inexpensive spare parts

■ Impressive speeds

4 axes for ultimate speed and precision | Fully automatic probe changing systems

■ High flexibility

Measurement of rotationally symmetrical as well as prismatic components with just one system | Numerous sizes and configurations

■ High reliability

High-quality components | Many years of development experience | Renishaw sensor systems

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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