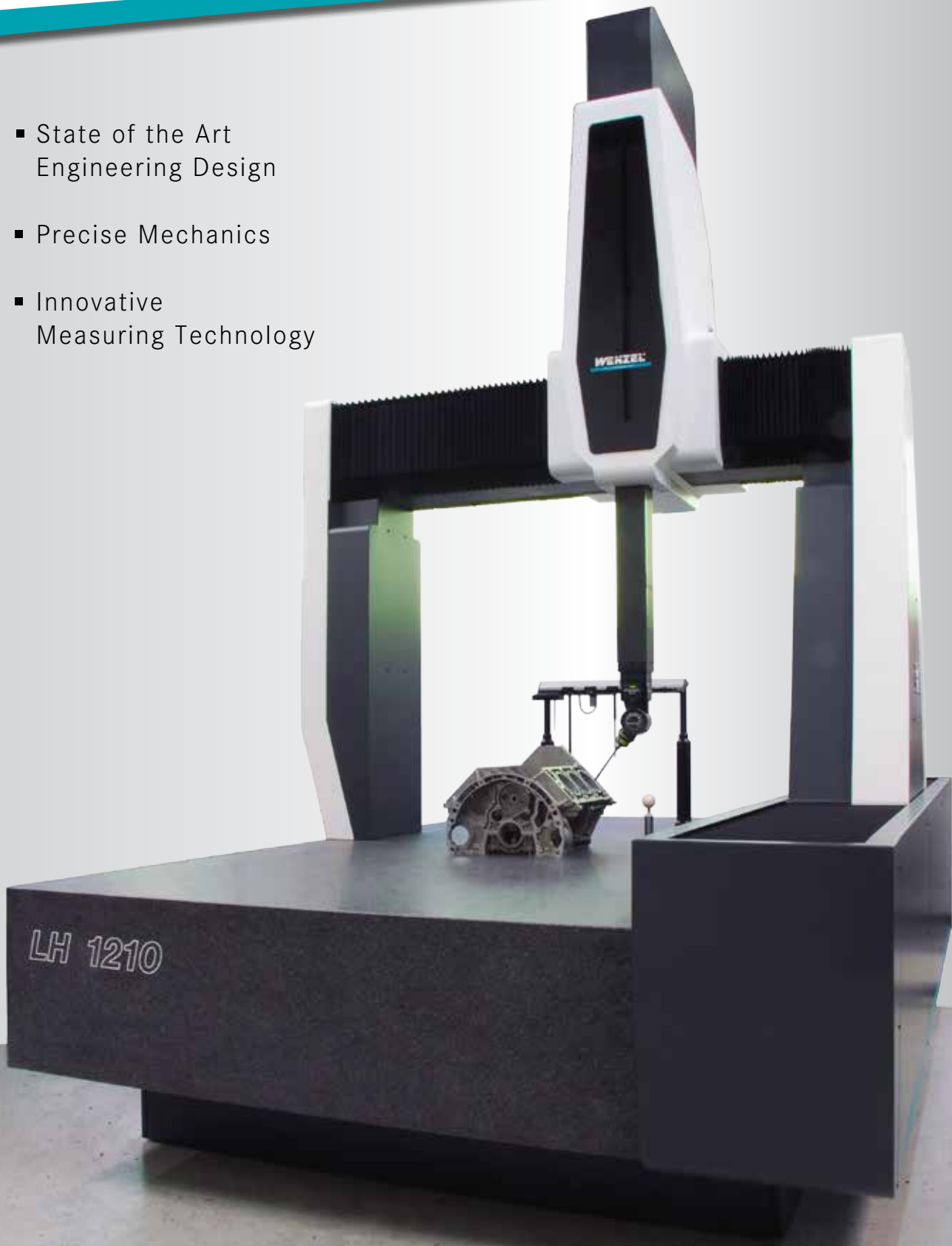


3D Coordinate Measuring Machines The new LH 1210

- State of the Art
Engineering Design
- Precise Mechanics
- Innovative
Measuring Technology



MACHINE CONCEPT

Accurate measurements results quick and easy

The complete product range of WENZEL stands for precision and performance in 3D measurement. With the new generation of air-bearing coordinate measuring machines WENZEL continues the improvement in precision, efficiency and longevity.

The revolutionary design of the new LH 1210 offers high mechanical accuracy, perfect ergonomics and dynamics.

Precision

High precision through overall concept

- Relevant precision machine components work in perfect harmony.
- Identical thermal behavior of granite in all axes ensures the intrinsic accuracy of the new LH generation.
- High resolution scales provide accurate positioning and precise results.
- Accurate detection of free-form surfaces and geometric elements with an innovative sensor technology.
- Intelligent algorithms and interconnection technologies of the WENZEL controller transmit large amounts of data very quickly.

Ergonomics and usability

Just measure

- The easy to use WENZEL measurement software generates fast accurate measurement results.
- Individual user training enables a fast and efficient application.
- Perfect ergonomics for comfortable and safe operation.
- Ease of use with the multifunctional hand box.





Robustness and durability

Investment protection through robust, modular and innovative engineering

- WENZEL CMMs manufactured from granite are free of internal tensions and extremely wear resistant.
- The guide ways of the X- and Y-axes are fitted with bellow type covers to protect against contamination from dust and dirt.
- The use of high-quality components ensures high machine availability.
- An innovative drive system, bearing and guide way technologies provides low wear of the base material.
- The modular design of the CMM ensures the subsequent upgrading of the new LH and offers full security of your investment for the future.

Serviceability

Reduced downtime due to high serviceability

- Long and costly maintenance intervals can be avoided by easy accessibility to maintenance components.
- WENZEL Online Service (WOS) allows quick online diagnosis for help.
- High availability of spare parts due to extremely high level of vertical manufacturing.

The sizes of the new LH 1210

Overview measuring range (in mm)

	X-Axis	Y-Axis	Z-Axis
LH 1210	1200	1600	1000
LH 1210	1200	2000	1000
LH 1210	1200	2500	1000
LH 1210	1200	3000	1000

Further Y-lengths on request. Subject to technical modification and to changes in scope and design.

Innovation for success

WENZEL Group GmbH & Co. KG is one of the leading manufacturers of industrial metrology solutions. The wide range of WENZEL products includes solutions in the fields of coordinate measuring machines, gear metrology, computed tomography and optical high speed scanning. Founded in 1968 as a family business, WENZEL Group combines tradition with innovation,

and relies on values such as reliability, trust and respect for the environment. Subsidiaries as well as sales and service partners worldwide represent the company in more than 50 countries. The WENZEL Group employs more than 630 people worldwide.

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