

CMM FOR THE SHOP FLOOR

WENZEL SF 87

Ergonomic, fast, compact



MEASURING IN THE
PRODUCTION ENVIRONMENT

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The new SF 87 coordinate measuring machine is the universal measuring machine for the production environment. The SF 87 requires little floor space and offers an optimized measuring volume of 800 x 700 x 700 mm. This makes it ideal for a large part of the metal cutting and forming industry.

The machine concept offers a very good price-performance ratio with low space requirements. High traversing speeds and accelerations ensure high productivity. The combination of powerful probes and optical sensors leads to a considerable increase in efficiency in your measuring and testing process.

FEATURES

- **Maximum driving dynamics** for maximum productivity
- **High measuring volume**, matched to production machines
- **Compact design** with small footprint
- **Flexible and mobile** for use in the workshop
- **Maximum stiffness with minimum dead weight** due to bionic design

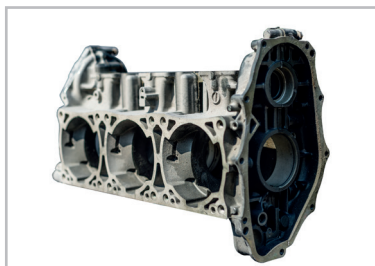
FIELDS OF APPLICATION

The SF 87 is a workshop-ready 3D coordinate measuring machine for measuring small to medium-sized production parts. The intelligent and compact design is suitable for a wide range of applications in the production environment, especially in the cutting and forming industry.

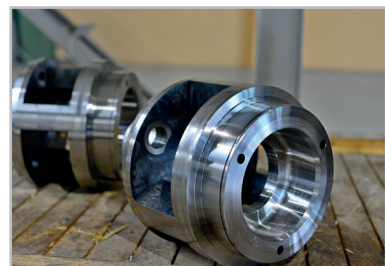
Steel bushings

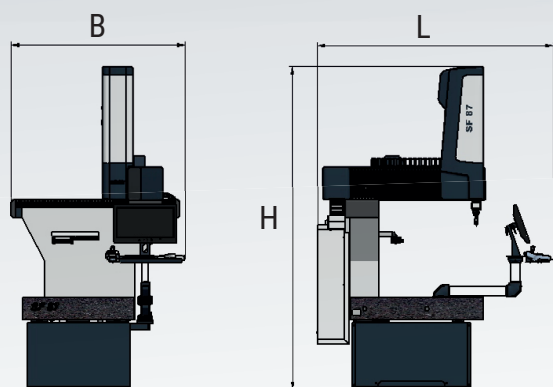


3-cylinder engine block



Gearboxes





MACHINE PROFILE

Space Requirements (L x B x H)	2130 x 1560 x 2890 mm
Machine weight	1850 kg
Max. Workpiece weight	300 kg
Measuring ranges	800 x 700 x 700 mm*

* with touch probe PH10M PLUS

YOUR ADVANTAGES AT A GLANCE

- **Suitable for workshop and production use**
Temperature compensation | active damping as an option
- **Excellent price-performance ratio**
Large measuring volume with small footprint | low operating costs | no compressed air required
- **Modern machine design**
Ergonomic and user-friendly | Bionic structures and massless weight compensation | Turntable option
- **Flexible and universal use**
Multisensor capable (optical and tactile) | 5-axis measuring technology | available with matching probe changing units
- **Integration into the line and into automation processes**
WENZEL-Automation-Interface (WAI) | can be equipped from three sides | WM I SYS Analyzer

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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