

OPTICAL 3D LINE SCANNER

# WM | LS 600

Now available



THE FUTURE  
**IS WIDE**

# WM | LS 600

## OPTICAL 3-D LINE SCANNER

The optical sensor WM | LS 600 with a line width of 280 mm up to 600 mm allows an extended field of application for large portal cmm's as well as for horizontal arm machines from WENZEL. The sensor allows even large components to be measured quickly and reliably. Whether for components of electric mobility, e.g. battery boxes or for the measurement of tipping containers on trucks:

the WM | LS 600 is suitable for almost every larger component. Additionally the WM | LS 600 can be combined with the well-known WM | Shapetracer II from WENZEL on a cmm. This combination forms an unbeatable DUO and turns your coordinate measuring machine into an all-purpose weapon with which even the most complex workpieces can be measured quickly and easily.

## FEATURES

- **Autojoint adapter** - Adaptable to any CMM
- **WM | Quartis** compatible
- **Fast measurement** of large components
- **Up to 600 mm line width**
- **Automatically exchangeable** with e.g. tactile probes and WM | Shapetracer II
- **Compatible mit PHSII**
- **Particularly suitable for horizontal arm machines and large LHF machines**

## APPLICATIONS

The line width of up to 600 mm makes the WM | LS 600 the ideal choice for particularly large components with a low level of detail, such as:

Tipping containers



Industrial vehicles

Battery boxes



Electric mobility

Rotor blades



Power generation



## TECHNICAL SPECIFICATIONS

### Optische Daten\*

Working range Z	min. 300 - max. 1.000 mm
Measuring range Z	700 mm
Measuring range X	min 280mm - max. 600mm
Linearity deviation	up to 175µm
Resolution Z	up to 27 µm
Resolution X	up to 181 µm
Laser line color	Blue

\*Guidelines subject to technical developments and changes in design and scope of delivery.

## YOUR ADVANTAGES AT A GLANCE

### ■ High Productivity

Up to 600 mm line width | Blue laser line reduces surface preparation

### ■ Low operating costs

Integrated in the WENZEL software family | Fast and reliable spare parts availability | Can be retrofitted to existing systems

### ■ Ergonomisches Design

Simple operation | Maintenance-friendly | Aesthetic design

### ■ High flexibility

Can be used on large CMMs and horizontal arm measuring machines | Compatible with WM | Shapetracer II in exchange | Scanning of different surfaces

## 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.



## YOUR LOCAL CONTACT PERSON

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