

MESSBOI 100 LASER

Length measuring device, digital

Contactless
length measuring

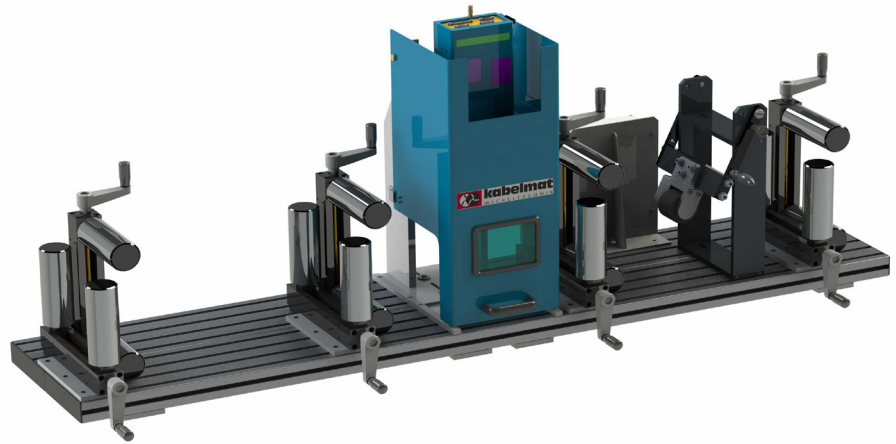


Fig. 1 MESSBOI 100 LASER

MESSBOI 100 LASER

- Length measuring device for material outer Ø max. 100 mm

Functionality:

Contactless length measuring device with roller guides working as per the laser-Doppler principle, certified as per MID 009. Specially developed device for installation in length measuring lines which require calibration.

Technical data	MESSBOI 100 LASER
Part No.	0495.000
Material Ø (differing with conformity assessment)	4 - 100 mm
Speed	max. 5000 m / min
Electrical supply	110 - 240 V / 50 Hz
L x W x H	approx. 1100 x 550 x 450 mm
Weight	approx. 100 kg

Basic equipment:

- Basic unit with manual height adjustment
- Basic unit with motorized height adjustment
- Inlet and outlet rollers of adjustable height and centrally adjustable width
- Very high reproducibility - better 0.02%
- Very high absolute accuracy - better 0.05%
- No slippage - even at very high speeds and accelerations
- No wear or abrasion
- Multi-function display
- Interface module for storing the data
- Two potential-free electrical contacts for controlling the rapid / creep speed function of a controllable winding drive or a light-emitting indicator

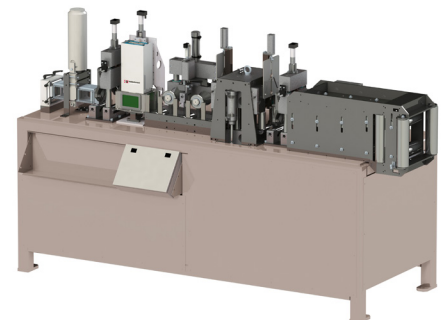


Fig. 2 Example MESSBOI LASER, Length measuring unit with guides and roller feed for semi-automatic infeed

Supplementary Equipment:

- **Laser protective housing** mounted on length measuring device
- **Laser measuring head with integrated direction detection**
- **Roller guide** vertically and horizontally adjustable
- **Inlet and outlet roller cages**
- **Conformity assessment / MID (formerly first calibration)** of the length measuring unit with additional inlet and outlet roller cages is approved by German Authorities for a period of two years from date of delivery, valid for all EEA Member States. Conformity has to be carried out in the manufacturing firm. Prolongation of this approval after 2 years had expired is not included in the delivery scope
 - **Data interface** module for storing of cutting data
 - **Label printer** with interface to the preselection counter
 - **Holder for label printer**

Indoor use only. Fig. may differ from original.
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