

Dialogannahme

**VOLVO**

Version 2024.04.30 – Prices on request

# Headlight testing device MLD 9000

Beissbarth MLD 9000 - Digital headlight measurement and adjustment

Article number: 1 692 104 345



## Digital headlight testing with MLD 9000: intelligent, fast and precise

- Precise green alignment lasers for accurate alignment with the vehicle. Green laser diodes are particularly well visible to the human eye because the eye has its maximum spectral sensitivity in the green range
- Cross laser function for precise positioning in the center of the headlight
- For all light sources (Xenon, Bi-Xenon, LED, Bi-LED, Halogen) and glare-free high-beam systems (Dynamic Light Assist - DLA, Matrix1, HD-Matrix2, ILS Ford)
- All types of vehicles (passenger cars, trucks, motorcycles)
- All types of headlights (main headlights, fog lamps, auxiliary lamps)
- High-resolution (5 megapixel) CMOS camera for real-time digital image processing
- Measurement results in real time optimized with live images
- Comparison between measured and limit values and unambiguous red/green evaluation
- Saving and archiving of the measured values in database
- Reporting of the measurement result possible via PDF
- Time-saving quick measurement functionality
- Precise definition of the cut-off line without disrupting blue fringe
- Workshop-proof touch-screen display (7")
- Continuously swiveling display for a variety of applications (such as the MOT for testing or in the workshop for adjustment) and for adapting to the local lighting conditions
- Intuitive and simple user guidance
- Visual and acoustic signals support the measurement procedure
- Independent operation thanks to battery
- Measured values: Horizontal and vertical deviation (pitch angle), intensity, roll angle, yaw angle
- Ports: LAN, USB, RS232
- Live firmware update possible

- Optional PC software to display the measurement on the test lane PC

## Highest mechanical precision and long-life cycle (suitable for future legal requirements):

- A new developed torsion-free and specially hardened aluminum column
- Easy to use, robust sliding system for precise height adjustment and comfortable working
- Robust and durable counter weight system with toothed belt
- Determination of the headlight installation height via adjustable, specially made aluminum scale or use of the optional height measuring sensor
- Optional: fine adjustment of the column with 1 angle minute accuracy

## Networking: Test results via WLAN with quick and aptly arranged results on the PC

- Save measurement printouts in a network folder
- Mirror software on a PC
- Integration with Bosch Connected Repair (fees apply for activation)
- ASA-ready

Certificate: CE, EMC, FCC, FDA

Please note: vehicle-specific light distribution patterns such as Ford Matrix, Skoda Matrix, or Skoda Kink need to be activated separately.

## Headlight Testing

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# IMPORTANT NOTES

- Please notice: This list contains spare parts, too.
- Without instruction or assembly.
- Delivery ex works including packaging.

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- Starting from now all previous lists will lose their validity.
- Please read our general terms and conditions in the latest version before ordering; to be found under [www.beissbarth.com](http://www.beissbarth.com).

**Order number** 1 693 602 008 **Print norm** BB XXX / XX.XX.2020 DE · Subject to technical and program changes, errors excepted.

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