

HEADLIGHT TESTING TECHNOLOGY

HEADLIGHT TESTER

MLT 3000 2.0
VP 185081



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The MLT 3000 2.0 is the perfect solution for precise and efficient headlight adjustment and testing. Combining state-of-the-art technology with ease of use, its capacitive 7" touchscreen and advanced CMOS camera offer intuitive menu navigation and deliver reliable results – perfectly aligned with legal requirements and manufacturer standards.

Thanks to wireless flexibility, electronic levelling compensation, and easy positioning, the device integrates seamlessly into any workshop environment, optimising your workflows. Its robust materials and versatile interfaces make it ideal for standalone checks and networked test lanes.

Experience headlight testing at its best!

PRODUCT DETAILS/ACCESSORIES

Description:

- Digital device for quick and objective testing and adjustment of vehicle headlights, taking into account statutory limits and vehicles manufacturers guidelines
- Electronic levelling system to compensate for unevenness in the floor at the headlight tester installation site
- Capacitive 7 touch screen for menu navigation and display of measurement values
- High dynamic range CMOS camera with special filter for precise capture and digitization of the headlight projection
- Processor-supported unit control incl. flash memory
- Digital analysis with evaluation of results
- Optional interface for transmission of measurements to a PC via Bluetooth oder cable
- Powerful Lithium battery for cable-free long-term use

- Robust construction, also suitable for test lanes
- Pivoting horizontally-oriented laser alignment unit, for positioning the device in relation to the vehicle
- Automatic latching of the light collecting box to the precision aluminium guide column facilitates handling and optimises reproducibility
- Large Fresnel lens for easy positioning in front of the headlights helps speed up the entire set-up process
- Equipped as standard with plastic needle bearing plastic half-round rollers for use on our optional stainless steel half-round runners
- Large adjustment range of the castors for easier adaptation to different rail systems or to the SEP installation surface

TECHNICAL DATA

Measuring range:	
Above hotspot	0 - 800 mm/10 m (0-8%)
Above pitch angle	0 - 300 mm/10 m (0-3%)
Underneath	0 - 700 mm/10 m (0-7%)
Left	0 - 1000 mm/10 m (0-10%)
Right	0 - 1000 mm/10 m (0-10%)
Light intensity	0 - 125000 cd
Illuminance	0 - 200 lx
Measurement distance	100 - 500 mm
Adjustment track lens centre over floor	240 - 1500 mm
Deviation of intensity	+/-5%
Deviation from an axle	+/- 5'
Temperature range	+5 - +40°C
Relative humidity	20 - 80 %

