MLT 1000

ANALOGUE MEASUREMENT TECHNOLOGY WITH PRECISION

made by MAHA
made in Germany

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FEATURES

Correct headlight alignment for increased safety on the road

Correct headlight alignment ensures good vision at night while preventing oncoming traffic from being dazzled. To determine the headline alignment precisely, vehicle workshops and inspection organisations rely on the precision of their headlight testers. In this regard, the analogue headlight tester 'HLT M 1000 ' sets new standards in its class.

HLT M 1000 – Analogue measurement technology with precision

User-friendly operation

The well-organised device structure guarantees simple and intuitive use.

Robust, no-maintenance design

A tried-and-tested device design with non-wearing precision guide pillar promises a long service life, even for high-frequency use.

Ergonomic handling

A counterweight has been integrated into the pillar to allow the measurement housing to be lowered and raised with one hand in a smooth gliding movement, supported by a ball bearing.

Easy to position in front of vehicle

The large Fresnel lens enables the unit to be positioned in front of the headlights correctly and with ease.

Helpful options

For precise alignment to the vehicle's longitudinal axis, a laser alignment unit is available as an optional alternative to the mirror.
The unit moves between the vehicle's headlights with full directional stability thanks to individual rails, which are available in various models.

The headlights are aligned via the projection screen that is visible from the side of the vehicle. Border lines printed on the screen are used to compare the actual value with the target value and facilitate alignment. A deflection mirror makes the headlight projection visible from the front of the unit as well.

Mechanical height adjustment enables the projection screen to be moved vertically in the housing. The hand wheel fitted with a scale can be used to preset the required inclination angle for the headlight.

TECHNICAL DATA		
Measuring range	below	0 – 600 mm / 10 m (0 – 6 %)
	left	0 – 1000 mm / 10 m (0 – 10 %)
	right	0 – 1000 mm / 10 m (0 – 10 %)
	Height of light center	240 – 1500 mm
	Measuring distance	100 – 500 mm
Intensity	Luminosity	0 – 40 000 cd (Candela)
	Illuminance	0 – 64 lx (Lux)
Working range	Temperature	+5 °C – +40 °C
	Relative humidity	20 – 80 %

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