



# Headlight tester

Model: MLT 1000

Analogue measurement technology with precision



Dynamometers,  
Diagnostic Units, Emission Testers



- ▶ Rapid and precise testing of headlight alignment
- ▶ User-friendly, intuitive operation
- ▶ High-precision measurements thanks to the use of a premium-quality guide pillar
- ▶ Available on rollers or rail system
- ▶ Various country-specific models available

Premium Workshop  
Equipment

## 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 MLT 1000 sets new standards in its class.

## MLT 1000 – analogue headlight testing of the highest standards

### ► 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. It is often possible to inspect multiple light sources without having to reposition the unit each time.

### ► 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	Bottom	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 centre	240–1500 mm
	Measurement distance	100–500 mm
Intensity	Light intensity	0–40.000 cd (candela)
	Illuminance	0–64 lx (lux)
Work area	Temperature	+5°C–+40°C
	Relative humidity	20–80%
Dimensions (W x H x D)	655 x 1770 x 720 mm	
Weight	65 kg	

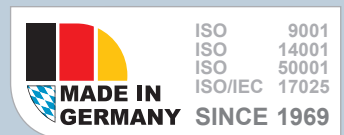
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