

HEADLIGHT TESTING TECHNOLOGY

HEADLIGHT TESTER

MLT 1000
VP 185063



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The analogue headlight alignment tester MLT 1000 serves for quick and reliable testing and adjustment of vehicle headlamps. The MLT 1000 maps the headlight on the projection surface with a percentage scale and allows a subjective evaluation of the findings.

PRODUCT DETAILS/ACCESSORIES

Description:

- Analogue device for quick and accurate testing and adjustment of vehicle headlights
- Height-adjustable projection screen with % scale
- Subjective analysis of results based on visual assessment of the headlight projection on the screen
- Robust construction, also suitable for test lanes
- Rotatable mirror for device alignment to vehicle
- Automatic latching of the light collecting box to the precision aluminium guide column facilitates handling and optimises reproducibility

- Extremely thin Fresnel lens made from material with optimised refractive index for suppressing blue and red fringing increases measurement accuracy significantly
- Large Fresnel lens for easy positioning in front of the headlights helps speed up the entire set-up process
- Anodised heat deflection sheet to prevent overheating as a result of direct sunlight even without use of the device covering hood
- Pre-configured as standard for use on our optional semicircular profile rail stainless steel, so that equipment runs in straight line after alignment

TECHNICAL DATA

Measuring range:	
Underneath	0 - 600 mm/10 m (0-6%)
Left	0 - 1000 mm/10 m (0-10%)
Right	0 - 1000 mm/10 m (0-10%)
Light intensity	0 - 40000 cd
Illuminance	0 - 64 lx
Measurement distance	100 - 500 mm
Adjustment track lens centre over floor	240 - 1500 mm
Temperature range	+5 - +40°C
Relative humidity	20 - 80 %
Dimensions (H x W x D)	1770 x 655 x 720 mm

ACCESSORIES

Stainless steel rails, above-floor

VZ 930111 Rails with levelling capacity Semicircular, stainless steel length 3 m, above-floor

VZ 930112 Rails with levelling capacity Semicircular, stainless steel length 4.5 m, above-floor

Stainless steel rails, below-floor

VZ 930115 Rails with levelling capacity Semicircular, stainless steel length 3 m, below-floor

VZ 930116 Rails with levelling capacity Semicircular, stainless steel length 4.5 m, below-floor

Headlight testing technology, accessories

VZ 975229 Rollers for Version without guide rails -Extra charge

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VZ 975922 Metal rollers, grooved -EXTRA CHARGE

VZ 990299 Laser Aligner for Headlight Adjusting Device

VZ 975787 Alignment Bracket for Headlight Tester

VZ 975907 Tool holder for headlight tester

SUPPLEMENTARY CHARGES

VT 995042 Transportkosten Scheinwerfer-Einstellgerät

VV 997241 Packing Charges for Headlight Tester

VT 998142 Transportkosten Laufschienen Halbrundprofil 3,0
m/4,5 m

VM 996140 Installation Costs for Headlight Tester Surface
Mounted/Rails

VM 996141 Montagekosten ScheinwerferEinstellgerät,
unterflur Schienen (bauseits/n. Aufwand)

VM 995149 Stückprüfung SEP/ KFZ-Aufstellfläche nach § 29
StVZO -PKW-

VM 995150 Stückprüfung SEP/ NFZ-Aufstellfläche nach § 29
StVZO -LKW/PKW-