

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

VZ 930111	Rails with levelling capacity Semicircular, stainless steel length 3 m, above-floor	VZ 930116	Rails with levelling capacity Semicircular, stainless steel length 4.5 m, below-floor
VZ 930112	Rails with levelling capacity Semicircular, stainless steel length 4.5 m, above-floor	VZ 975229	Solid rubber Rollers -Extra charge
VZ 930115	Rails with levelling capacity Semicircular, stainless steel length 3 m, below-floor	VZ 975922	Steel rollers, grooved -EXTRA CHARGE
		VZ 990299	Laser Aligner for Headlight Adjusting Device
		VZ 975787	Alignment Bracket for Headlight Tester

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VZ 975907 Tool holder for headlight tester

SUPPLEMENTARY CHARGES

VT 998273 Internal transport -SOUTHHeadlight tester

VT 998274 Internal transport -NORTHHeadlight tester

VV 997241 Packing Charges for Headlight Tester

VT 998275 Internal transport -SOUTHLight running rails

VT 998276 Internal transport -NORTHLight running rails

VM 996140 Installation Costs for Headlight Tester Surface Mounted/Rails

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

VM 995149 Routine test Headlight tester/ Veh. support surface acc. to § 29 StVZO (Germany) CAR

VM 995150 Routine test Headlight tester/ Veh. support surface acc. to § 29 StVZO (Germany) TRUCK/ CAR

VM 995168 Routine test Headlight tester/ Veh. support surface acc. to § 29 StVZO (Germany) M.cycle