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 930112	Rails with levelling capacity Semicircular, stainless steel length 4.5 m, above-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
VZ 975229	Solid rubber Rollers -Extra charge
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

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