

# MLT 1000

## HEADLIGHT TESTING TECHNOLOGY



## MLT-SERIES

VP 185063

Headlight Tester

### 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 optional guide rails so that equipment runs in straight line after alignment

## TECHNICAL DATA:

Measurement range below	0 - 600 mm / 10000 mm (0 - 6 %)
Measurement range left	0 - 1000 mm / 10000 mm (0 - 10 %)
Measurement range right	0 - 1000 mm / 10000 mm (0 - 10 %)
Light intensity	40000 cd
Illumination intensity	64 lx
Measurement distance	100 mm - 500 mm
Adjustment track Lens centre over floor	240 mm - 1500 mm
Ambient temperature	5 °C - 40 °C
Relative humidity	20 % - 80 %
Dimensions total (L x W x H)	720 mm x 655 mm x 1770 mm

## ACCESSORIES:

VZ 975229	Rollers for Version without guide rails
VZ 975510	Metal Rollers for vers. with half-round profile
VZ 930045	Guide Rails Surface Mounted, for 1750 mm
VZ 930056	Slide Track Extension 500 mm on floor
VZ 930055	Guide Rails, Flush Floor, for 1750 mm
VZ 930057	Slide Track Extension 500 mm below-floor
VZ 930094	Half-rd. Profiled Slide Tracks stainless steel 4,8 m
VZ 930095	Half-rd. Profiled Slide Tracks stainless steel 6 m
VZ 990299	Laser Aligner for Headlight Adjusting Device
VZ 975787	Alignment Bracket for Headlight Testers
VZ 975907	Tool holder for headlight tester
VW 997241	Packing headlight adjusting device -Europe-
VM 995149	Stückprüfung SEP
VM 995150	Stückprüfung SEP LKW
VW 997242	Packing headlight adjusting device -overseas-
VW 997243	Packing for Guide Rails -Europe-
VW 997244	Pack. charg. slide track (pre-delivery) Overseas