

# 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   |
| VP 990175 | Laser calibrating device LK 1                        |
| VZ 990299 | Laser Aligner for Headlight Adjusting Device         |
| VZ 975787 | Alignment Bracket for Headlight Testers              |
| VW 997241 | Packing headlight adjusting device -Europe-          |
| VW 997242 | Packing headlight adjusting device -overseas-        |
| VW 997243 | Packing slide track (pre-delivery) -Europe-          |
| VW 997244 | Pack. charg. slide track (pre-delivery) Overseas     |