

# Headlamp Beam Tester Range



**Part No.: DE/7588**

*See overleaf for  
more information*

- DVSA approved for all classes of MOT testing
- Suitable for testing supplementary beams & fog lamps
- Easy to read display screen
- Simple alignment & set up
- RS 232 connectivity option available
- Wheeled option available for general workshop use
- The ability to check clear lens & gas discharge projection systems
- Suitable for testing gas discharge type headlamps

# Headlamp Beam Tester Range



## → About the DE/7588

The new DE/7588 Headlamp Beam Tester range is the 3rd generation of headlamp testing equipment from Tecalemit, continuing over 40 years expertise in the field. The DE/7588 is a rail mounted headlamp beam tester supplied complete with installation kit. The unit is mounted on a 3 wheeled rail mounted base with a graduated light alloy vertical column supporting the optical box.

The DE/7588 has a range of adjustments on 3 axes with an integral laser to set screen height and a transversely mounted lined mirror to set the lateral alignment of the Beam Tester. The optical box height is easily adjusted and is counter-balanced to aid adjustment. The DE/7588 is also supplied with an integral RS 232 port to enable test results to be downloaded, should this become a legislative requirement.

### Installation

To conform to DVSA UK MOT testing requirements, the DE/7588 rails must be mounted onto a floor level +/- 2mm over the length of the rails. Tecalemit is able to provide a UK mainland installation service. Certificated installation is carried out by Tecalemit's own accredited engineers.

### Beam Tester Options

In addition to the standard DE/7588, Tecalemit is able to offer alternative base configurations to enable the DE/7588 to be mounted on the rails of earlier model beam testers, eliminating the need for re-calibration of the floor or re-excavation of the floor.

## → Technical Specs & Dimensions

Lens to headlamp lens focal length.....350mm (+/-150mm)  
Distance of lens in the front of the first rail.....110mm  
Maximum headlamp height.....1500mm  
Tolerance on aiming height.....+/- 10mm  
Optical box size.....250mm x 250mm 610mm  
Distance between rails.....395mm  
Rail recess dimension.....100 x 27mm (min) / 29mm (max)

## → Part Nos. & Ordering Information

Headlamp Beam Tester approved for MOT testing of classes I,II,III, IV, VL, VII. Conforms to 2005 regulations.....DE/7588/395/RS232  
Headlamp Beam Tester approved for MOT testing of classes I,II,III, IV, VL, VII. Conforms to 2005 regulations. For replacement of DE/7188 beam testers, fitted with wheel base for installation onto existing Tecalemit rails.....DE/7588/Reflex/RS232  
Approved for MOT testing of all classes of vehicle including HGV.....DE/7588/395/RS232/HGV  
Mobile Headlamp Beam Tester mounted on wheels supplied with alignment frame (non MOT).....DE/7289

## → Options & Accessories

Installation of Headlight Beam Tester (DE/7288 and DE/7588 series) including certification and calibration.....OA/60050  
Calibration kit required to conform to MOT requirements.....OA/50709  
Laser alignment tool for DE/7288 series.....OA/60355  
For HGV headlamp testing: 1.5m rail and screen including laser.....OA/60370  
Alignment frame extension for use with forward control commercial vehicles, buses and coaches (for use on DE/7289 only).....OA/60112  
Laser alignment tool for DE/7588 series.....OA/62000

## Issue No.: DE/7588 Jun 2017

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