

# Luminoscope®

## EXPERT

PLA 35

### THE PREMIUM HEADLAMP TESTER

The Luminoscope® EXPERT (PLA 35) is a high-tech, electronic headlamp setter used in both vehicle inspection test centres and workshops.



*Tool holder (optional)*

This headlamp beam setter is a direct by-product of our industrial devices and meets the high precision requirements set by car manufacturers. With the Luminoscope® EXPERT (PLA 35) you can check low beams, high beams and fog lights, and it works with all types of lights: xenon, halogen, bi-elliptical, LED and Matrix LED.

### FEATURES

- | **User-friendly, 7" touch screen** for ease-of-use with visualisation of the light/dark limit (cut-off line) on the projection
- | **Smart camera (developed in-house) for real time visualisation** of the headlamp during aiming
- | **Automatic compensation of floor unevenness** under the device **by electronic spirit level (NR/SR)**
- | **Headlight measurement results can be easily saved on the device** and accessed later via the web interface for your own records or to give to customers.
- | Exceptionally **short start up and cycle times**
- | Algorithms for **testing/setting** ECE, SAE and Japanese headlights (low beams, high beams and fog lights) **of all types:** xenon, halogen, bi-elliptical, LED and Matrix LED
- | Compatible with **left hand and right hand drive (LHD/RHD) vehicles**
- | **Rotating column** for the **perpendicular alignment** of the optical box in relation to the vehicle
- | **Sturdy alignment mirror (with optional 110° green line laser with timer function)** for alignment in reference to the vehicle
- | **Unique measuring algorithm** that can identify the headlight type and can thus be used with all makes and types of headlights
- | **Remote control** of the device from a smartphone, a tablet and a PC via VNC
- | **Extra-large lens (27.5 x 18.0 centimetres)**
- | **Unique position control system** centres the Luminoscope® EXPERT in front of the light beam
- | **Software updates with the latest headlight profiles are free**
- | **Rechargeable battery (charger included)**

### TECHNICAL SPECIFICATIONS

MEASURING RANGE	230 - 1500 mm
MEASURING TOLERANCE	± 1 cm/10m (0,1%)
MEASURING PRECISION	1 mm/10m (0,01%)
LUMINOUS INTENSITY MEASUREMENT	0 - 250 kcd
DIMENSIONS	695x670x1820 mm
WEIGHT	± 50 kg
SUPPLY VOLTAGE	12 VDC (≥ 3 A)
CONNECTIVITY	WiFi, USB, Bluetooth®, RS-232, Ethernet (optional), HDMI (optional)
VARIANTS	Double Rail (DR), Single Rail (SR), No Rail (NR)
OPTIONS	Line laser (110°) with timer function, ergonomic lever, tool holder, 15" touch screen on the column, protective cover



Made in Belgium

