

Luminoscope®

AUTOMATIC

SAM 2035

FULLY AUTOMATIC HEADLIGHT TESTING FOR INDUSTRIAL AND INSPECTION USE

The Luminoscope® AUTOMATIC (SAM 2035) is a motorised, fully automated headlamp tester, and specifically focuses on the automatic (operatorless) detection and identification of incorrectly positioned headlamps with automated feedback to underlying databases.



Connector board module with standard USB, Ethernet and RS-232 interface

This headlight tester meets the highest industrial precision requirements to perform a correct headlight inspection. The Luminoscope® AUTOMATIC (SAM 2035) searches the headlight completely autonomously, to perform the inspection process completely without manual intervention.

FEATURES

- | Fully automated headlight testing device for test centres.
- | Unique position control system centres the Luminoscope® AUTOMATIC in front of the light beam
- | Automatic height and left/right side detection thanks to search zones
- | 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
- | Unique measuring algorithm that can identify the headlight type and can thus be used with all makes and types of headlights
- | User-friendly, 7" touch screen for ease-of-use and visualisation of the light/dark limit (cut-off line) on the projection
- | Exceptionally short start up and cycle times
- | Smart camera for real time visualisation of the headlamp during aiming
- | Heavy duty rails for setting up in/on a concrete floor, fully adjustable for perfect levelling.
- | Compatible with left hand and right hand drive (LHD/RHD) vehicles
- | Extra-large lens (27.5 x 18.0 centimetres) concentrates light rays without optical distortion
- | Low voltage 24VDC power required; power box available as an optional extra
- | WiFi, USB for communications with other devices
- | RS-232 Interface for transferring test results to a data processing unit (host computer)

TECHNICAL SPECIFICATIONS

MEASURING RANGE	280 – 1200 mm
MEASURING TOLERANCE	± 1 cm/10m (0,1%)
MEASURING PRECISION	1 mm/10m (0,01%)
LUMINOUS INTENSITY MEASUREMENT	0 – 250 kcd
DIMENSIONS	675x792x1713 mm, 675x792x2096 mm (with signal tower)
WEIGHT	≈ 75 kg
SUPPLY VOLTAGE	24 VDC
CONNECTIVITY	WiFi, USB, Bluetooth®, RS232, Ethernet
VARIANTS	Double Rail (DR)
OPTIONS	Power box 24 VDC, signal tower green/red or green/red/buzzer, additional emergency stop



Made in Belgium

