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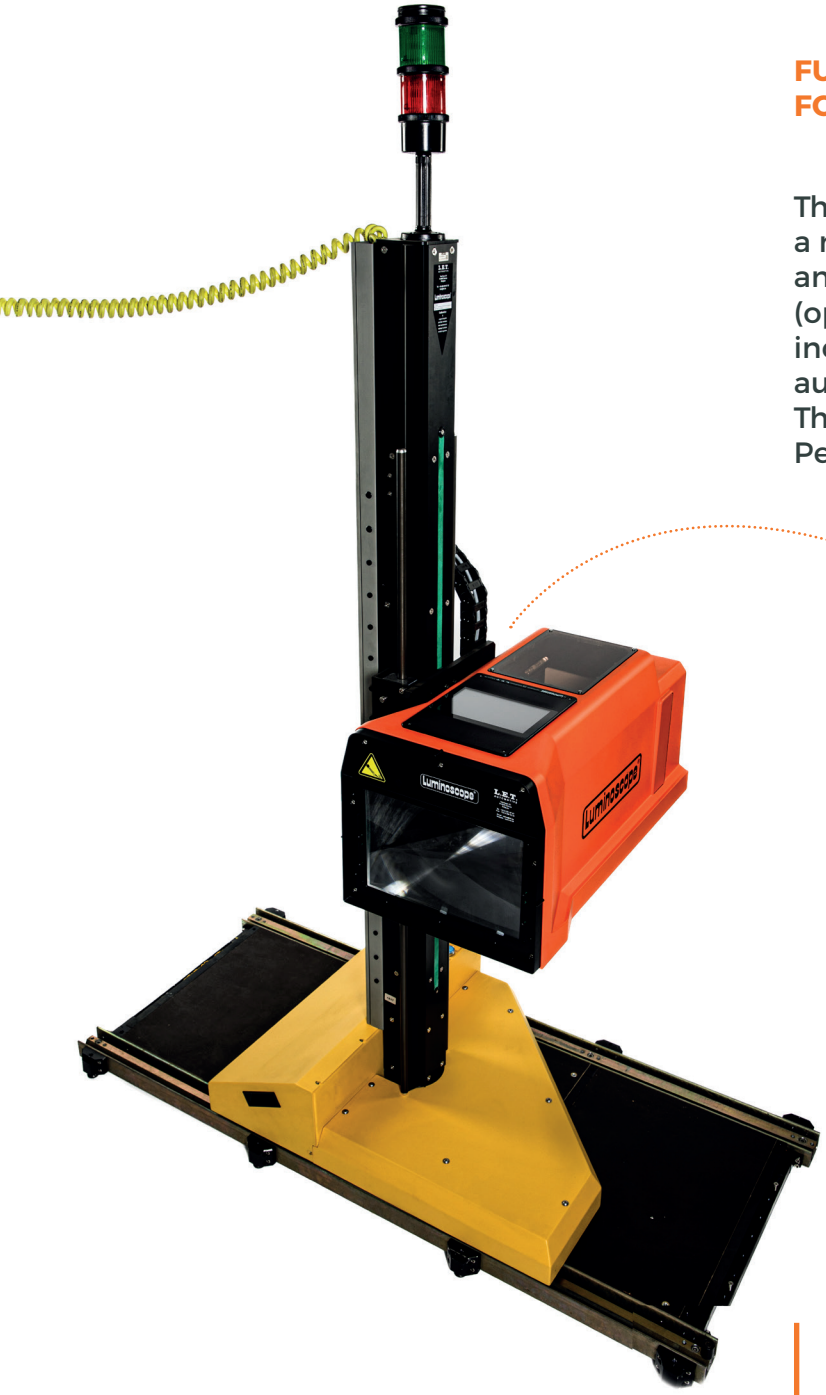
Luminoscope® AUTOMATIC

SAM 2035



FULLY AUTOMATIC HEADLIGHT TESTING FOR INDUSTRIAL 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 automized feedback to underlying databases. This device has been specifically designed for Periodic Technical Inspection (PTI) centres.

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 head-light completely autonomously, to perform the inspection process completely without manual intervention.

L.E.T. AUTOMOTIVE

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Luminoscope® AUTOMATIC

FEATURES

- **Fully automated headlight testing device for test centres**
  - Automatic headlight positioning and detection
  - Automatic measurement of the headlight
  - Simultaneous feedback to database
- **Heavy duty rails for setting up in/on a concrete floor,** fully adjustable for **perfect levelling**
- **User-friendly, 7" touch screen** for ease-of-use
  - Visualisation of the light/dark limit (cut-off line) on the projection
  - User menu with programmable settings for adjusting (floor gradient/height) and testing (tolerances)
- **Smart camera (developed in-house) for real time visualisation** of the headlamp during aiming
- 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
- **Unique measuring algorithm** that can identify the headlight type and can thus be used with all makes and types of headlights
- **Extra-large lens** (27.5 x 18.0 centimetres)
- **Unique position control system** centres the Luminoscope® AUTOMATIC in front of the light beam
- **Low voltage 24VDC power required;** power box available as an optional extra
- **RS-232 Interface for transferring test results** to a data processing unit (host computer)
- **Internal buffer battery** guaranteeing the successful transfer of data in the event of a short-term interruption of the supply voltage

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®, RS-232, Ethernet
VARIANTS	Double Rail (DR)
OPTIONS	Power box 24 VDC, signal tower green/red or green/red/buzzer, additional emergency stop

ISO9001 CERTIFIED VINÇOTTE

Made in Belgium

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