Technical datasheet

MES-R — Compact retroreflector test systems for automobile reflectors

A compact solution dedicated to the control of automotive reflectors, defined according to the product, the test geometry and the criteria to be measured.



How does the MES-R test bench work?

The MES-R measures the retroreflection of automotive retroreflectors using ECE test geometries. A projection lens allows measurements at a shorter distance. Two photometric detectors measure the light returned by the retroreflector at observation angles of 20′ and 1°30′.

- Measurement range · 0.1–46 500 mcd/lx (20′) · 0.1–200 mcd/lx (1°30′)
- Bench dimensions (length × width × height) · 2.60 × 0.70 × 2.00 m
- Bench weight · 250 kg

Start from expected measurements.

- Product and sample dimensions.
- Observation and entry angles to cover.
- Photometric control, color measurement or combination of both.
- Development tests, production control or verifications according to a defined benchmark.