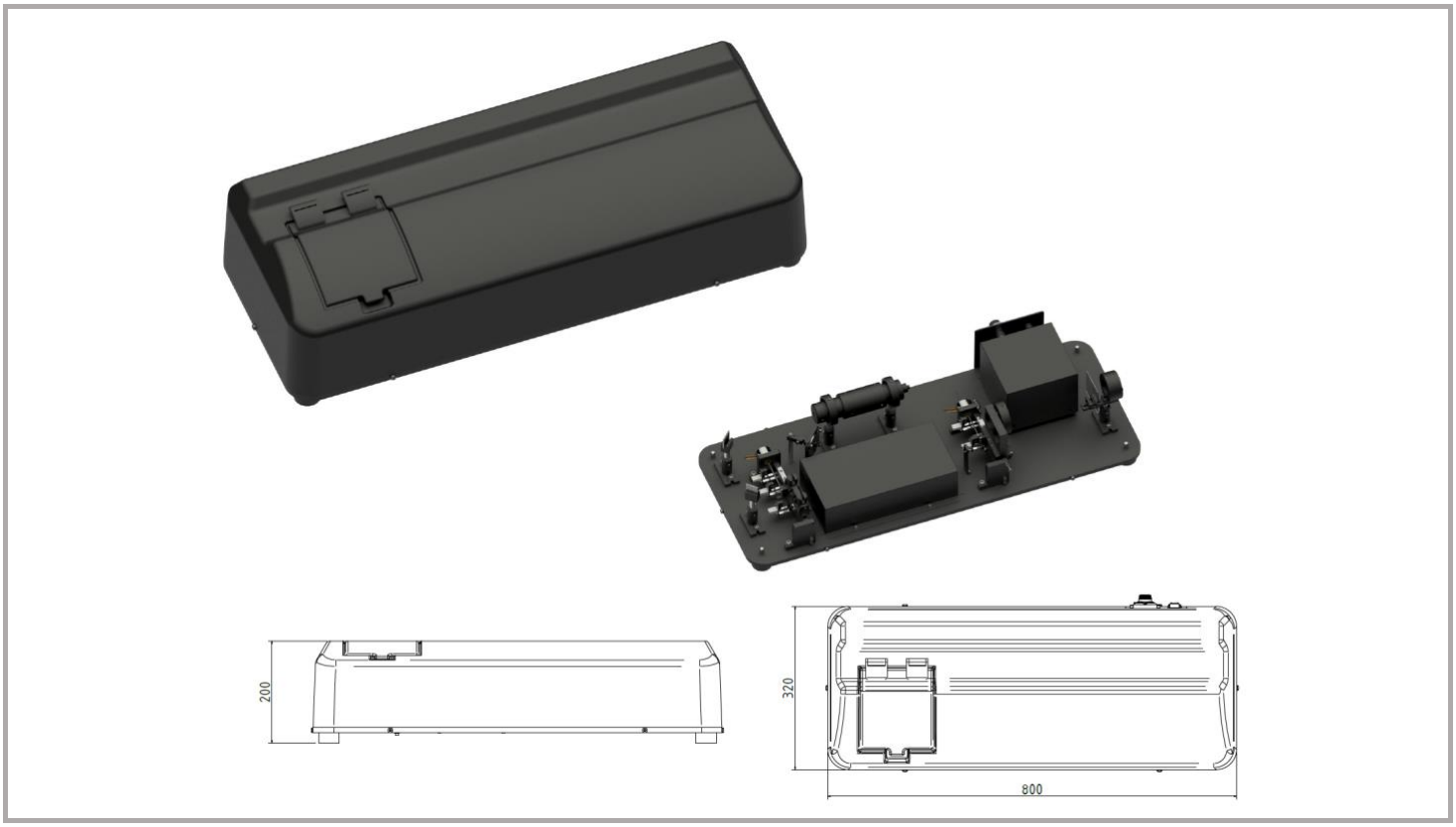
1192/A	**LDM 1060/C Plus**	**This new model utilizes the simplified C method for light diffusion testing, featuring a 635 nm laser source and a 3 mm diameter light spot with a silicon photodetector. It offers fully automatic operation and PC-based calculation with upgraded hardware.**



Technical features

- Base holder manufactured from high-thickness aluminium plate.
- Laser source: 1 mW, 0.6 / 1 mm, with a stabilized linear 24 V DC power supply.
- Laser holder with integrated beam expander using ES 20 mm EFL and ES 60 mm EFL biconvex lenses; includes a circular pinhole (0.1 mm) with an adjustable centering holder actuated by three M4 screws.
- Sample holder accommodating up to two 40 mm samples, equipped with a servo-stepper motor for the movement of abraded and non-abraded samples. The holder can also be turned and oriented.
- Annular and circular diaphragms mounted on a shiftable support.
- Includes a servo-stepper motor with a drive system for automatic movement (resolution: 1 step = 0.0127 mm).
- 200 mm EFL biconvex lens with holder.
- Adjustable diffusion screen with a photoreceptor and embedded amplifier, to reduce disturb, housed in an aluminium casing.
- The distance between the screen and the photoreceptor is adjustable.
- Main board QUASM 7, including proprietary QI/GTM software for motor control, data acquisition, and transmission.
- Construction materials: All lens holders, columns, bases, and fixing rings are manufactured from black anodized Anticorodal and chromium-plated steel.
- Connectivity: USB output for PC connection (PC with LCD flat screen included).
- Software: Dedicated software for data acquisition and results calculation.
- Power requirements: 230–240 V, 50 Hz.
- Weight: 18 kg.
- Overall dimensions: 800x400x200 mm.

Scope of the device

Equipment for measuring diffuse light on cloudy/clear lenses and eyewear, in accordance with EN 167 , ECE 22/06 and similar standards