



Glass tester LASZ-4

The device **LASZ-4** for measuring the amount of light that passes through a window is a precise device of an electric-optic type.

In order to guarantee efficient and precise use, one must:

- Use the device as specified by the instruction manual
- Keep the device clean; after use one should turn off the device and place it in its original packaging
- Do not use the device in places that are very humid
- Keep the device away from strong electric or magnetic fields
- Do not leave the device in places where the temperature is above +40°C or below +5°C
- Do not disassemble the device; it voids the warranty and may be the cause of the malfunction
- Do not use a device that is malfunctioning to record data
- Used batteries are to be replaced with new ones of the same type; used batteries should be placed together and properly disposed of, not to be used in high temperatures nor be thrown into open fire
- In the case that a device is known to malfunction despite previously being functional, the manufacturer should be contacted immediately

The basic bundle that comes with the device includes the following three elements:

- Recorder
- Illuminator that shines white light
- Sensor that measures the percent by light





Technical Parameters of the Device

- Internal power, 4 batteries R6, external, power cable. Sam. and USB from PC
- Measured amount – percent of light permeating glass by %
- Measured range – from 0,0 to 100,0%
- Resolution of the displayed LCD – 0,1%
- Thickness of measured glass must be b/n 0 -8mm
- The maximum error as measured by the device should never exceed 2% during the duration of the entire measurement of a quasi-colored glass of type:OG1, OG3, OG5, RG1, RG5, RG7 I RG8, or 5% throughout the entire measurement of a quad-colored glass with filter type: BG18, GG10, GG13, GG14 I VG12.
- Color temperature - 2856°K ± 50°K
- Photo detector whose sensors mimic the functionality of the human eye V(λ) in conditions of broad daylight (CIE)
- Regular control of the device at the manufacturer's as well as after the exchange of a filament
- Range of proper working condition temperatures +5 to +40°C
- Relative humidity <90%
- Atmospheric pressure 750 to 1060hPa
- Device dimensions
- Illuminator Φ 49 x 78mm
- Measurement Sensor Φ 49 x 68mm
- Main Device 180x100x45mm
- Mass of the device:
- Illuminator weighs 230g
- Measurement sensor weights 280g
- Main device weights 362g

