

OVO¹⁰⁰

Computerised measuring system for
spheric and toric surfaces



- Constant precision performance of the OVO¹⁰⁰ is ensured by calibration procedure
- Measure range of ± 20 diopters
- Precision of 1/100 diopter
- Sagitta instant reading and measure in diopter read-out (compared with a giving index)
- Values read-out with off-setting
- Measures saving on screen
- Notice if the measure is include in the tolerance range
- usable in the workshop thanks to his support
- Rechargeable batteries on main current
- Variable index between 1.000 and 1.999
- RS232 and USB output for measures saving

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features

- **Surface type:** Toric or spheric, lens or laps/tools
- **Diopter range:** Plano to 20 D CX or CV
- **Radius range:** Plano to 25 mm
- **Index:** Fully variable between 1,000 and 1,999
- **Measurement:** Metric or imperial
- **Calibration:** Calibrated delivery or possible by customer
- **Linking:** RS 232 or USB



utilities

Computer: rechargeable batteries on 230V, 50Hz

Comparator: Battery 3 V

dimensions and weight

All packaging:

Length : 200mm / Width : 230mm / Height : 170mm / Weight : 2,5Kg

All portable:

Comparator + head measure and computer = 0,9kgs.

autocalibration

Constant precision performance of OPTICOMETER OPT 2000 is ensured by calibration procedure.

The calibration realised by CMVB with CX and CV lenses.

For each of them, the computer determines the axes d and radius r of the rubisballs.

For intermediate values of CX or CV the computer integrate d or r for the value effected.

This avoids error that is common on traditional surface measurement devices that do not take into consideration the varying chords relative to different curves and their contact points between probeball ends.



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