



# PMD 100

Total surface control

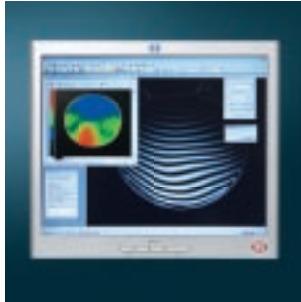


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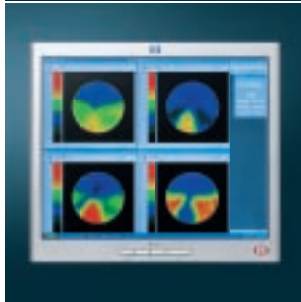
The various fringe patterns reveal virtually every detail of the surface.



With a user-friendly Windows software, numerous analysis steps can be carried out manually or automatically.



Lens surface plots allow an exact comparison with the lens design.



## PMD 100

For the development of sophisticated lens designs and the reliable control in the production, the total surface control becomes a key element. The PMD 100 measuring device addresses these requirements with precision, speed, robustness, and many analysis options like surface inspections.

Based on the principle of phase measurement deflectometry, the PMD 100 unit enables the measurement of the global and local lens surface topography and geometry with an excellent resolution. The device is perfect for quality control of toric and progressive lenses as well as for the evaluation of the most advanced freeform surfaces.

### Benefits

- Measurement of front or back surfaces
- Direct measurement of optical power and deviations
- Monitoring of lens cosmetics and cleanliness
- Measuring of blocked and unblocked lenses
- Robust design without moving parts
- Very short measuring time

In cooperation with



### technical data

materials	no restrictions
surface	polished
working area	80 x 80 mm
working range	concave $r = -40 \dots \infty$ convex $r = 40 \dots \infty$
mean repetition accuracy	0.0016 dpt
measurement time	< 10 s

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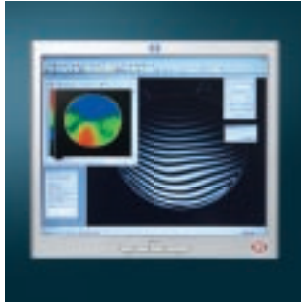


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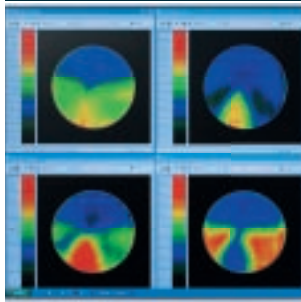
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