



Auto Lensmeter
LM-7P/7



THE ART OF EYE CARE

More than dependable, beautiful

The Auto Lensmeter LM-7P/7 has established a new standard by NIDEK. Both design and user interface have been improved for simplified operation to expand utility of the instrument while maintaining the highly valued measurement principles, functionality and quality.

We invite you to experience the LM-7 series of Auto Lensmeter that combine the dependable functions and beauty in your facility.

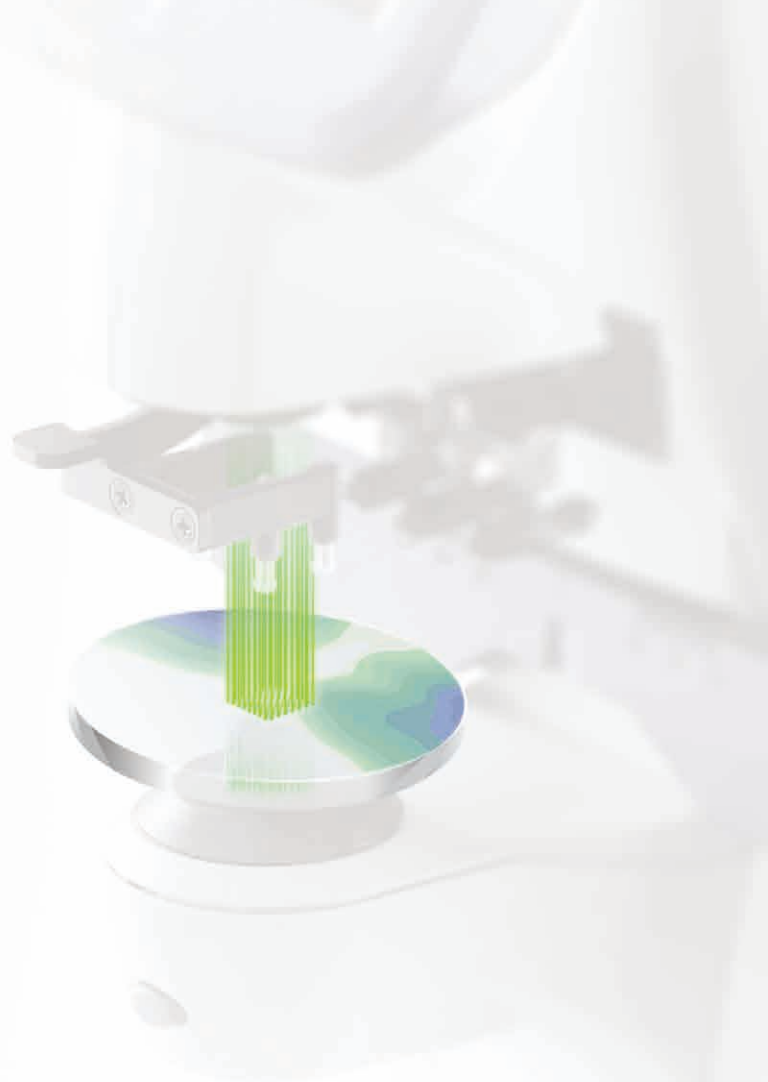


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as well

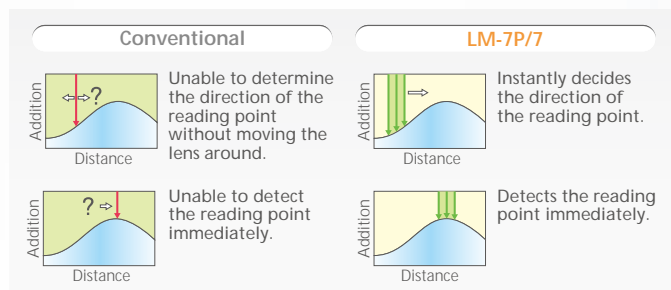
Hartmann sensor with 108 measurement points

The LM-7P/7 utilizes simultaneous measurement of 108 data points within the nosepiece. This advanced measurement principle allows faster and easier data acquisition with greater accuracy and reliability.



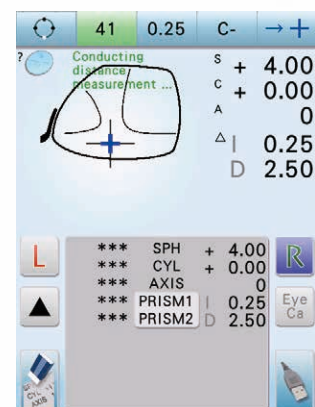
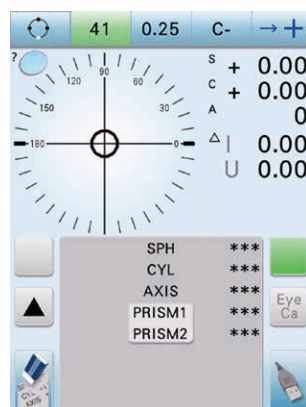
Green measurement light

Green light close to the ISO standard gives more precise measurement values without Abbe number compensation.

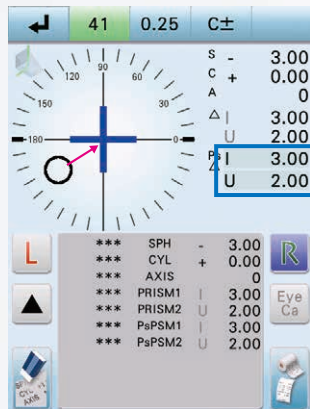


Automatic lens type detection

Placing the lens on the nosepiece activates the auto lens detection function to automatically determine the lens type and switch to the correct measuring mode.



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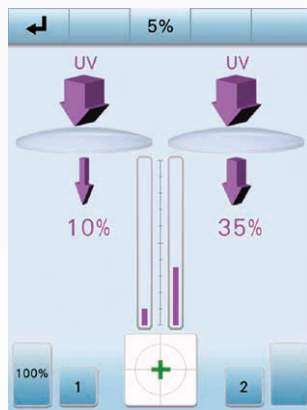
Prism layout function

Entering the prism prescription value in advance allows easy marking of lenses at the prism prescription position, by just following the target shown on the screen.



Scale mode function

Pupillary distance such as the LPD/RPD and PD can be measured easily by aligning the marked glasses to the scale displayed on the screen. Screen color can be changed to black or white depending on marking color for greater visibility.



UV transmittance measurement

UV transmittance is presented as an intuitive display from 0 to 100% of central wavelength 365 nm (UV-A) in 1 or 5% increments. A comparison of two lenses can be easily displayed.



Sample printout (LM-7P)

High-speed line printer with auto cutter

The LM-7P features a high-speed printer with easy-to-read printouts. Measurement data is simply and logically presented for easy explanation.

Measured data can be output as QR code. By reading this QR code, the operator can input measured data to PC. It can be also read by the NIDEK Intelligent Blocker* to prevent failure in processing.

*Availability is limited to a particular model.



This configuration is just an example. Please contact NIDEK for further information.

Vertical 5.7-inch color LCD touch screen

The adoption of touch screen achieves ideal layout display, superior in operation and visibility. The unique vertical design gives a sophisticated impression and greater function. Moreover, you can choose a favorite background color from many choices. By pressing an area replacement button, the alignment circle on the screen can be moved vertically. This ensures optimal operation depending on the operator's position.



Enhanced data communication capability

The LM-7 series has one RS-232C port and two USB ports as standard. Optional LAN/WLAN connections are also available, which greatly expand data communication capability. NIDEK refraction products allow for quick and easy wireless data transfer* using the Eye Care card, WLAN or infrared communication. This is helpful for eliminating paper printouts and complicated wired connections.

NIDEK
 Intelligent
 Factor

*The specifications for wireless data transfer differ according to each product and from country to country. The requirements also differ depending on the method of wireless data transfer.

