

HLM-7000P  
DIGITAL LENSMETER

# HUVITZ **D** INNOVATION

Design + Digital Technology

Implementation of Hartmann Sensor Wavefront Analysis Technology with more measuring spots maximizes accuracy in measurement even for multi-focal and high curved lenses.



Huvitz Digital Lensmeter HLM-7000P shows that supreme precision can be compatible with great comfort.

HLM-7000P realizes supreme precision with cutting-edge digital technology. Graphical User Interface leads the most satisfying operation providing intuitive guide. Enjoy the confidence with its beautiful design.



S L E E K & L U X U R I O U S

Classified as Class B, Medical Equipment Certificate to Protect Your Safety



Newly designed user interface and algorithm provide quick and accurate measurements.



### Wavefront Analysis Technology with the Hartmann Sensor

Providing more accuracy in the measured values utilizing the Hartmann Sensor Wavefront Analysis Technology with more measurement points than our previous generations.



### Newly Designed PD Bar and Measurement Nose

The newly designed PD Bar and Measurement Nose can measure small, progressive, or multi-focal glasses. In addition, the operator can still use the measurement nose when measuring the near sight addition.

### Class B, Medical Equipment Certificate

HLM-7000P meets or exceeds this standard IEC60601-1(4th Edition) Class B



### Built-in Thermal Printer

Print paper can easily be changed with one-touch lever. Illustration of Axis & PD helps customers to understand the data better.

### Expanded Prism Measurement Range

Prism measurement range has been expanded up to  $20\Delta$ , measuring from all directions of: BU, BD, BI, BO.



### User-Friendly Graphical Interface

New bright and easily visible Graphical User Interface(GUI) that gives feedback and guidance for easy-to-use operation.

### Wide Range for Measuring Small or Large (Blank) Lenses

It is easy to measure all lens diameters from  $\phi 15\text{mm}$  to  $\phi 120\text{mm}$ .



### 5.7" Color & High-Resolution IPS Panel(LCD)

The HLM-7000P screen also features an anti-glare coating giving you a sharp image, and also has a hardened coating to protect the screen from scratches.

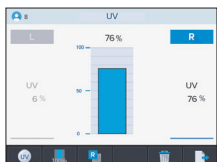
### Easily Measures Sunglasses

While measuring the refractive power of darkly - tinted or mirrored sunglasses, the device will calculate the refractive power of the lens by automatically amplifying the amount of light without requiring any additional key strokes, the same way it measures normal lenses.

Adjustable brightness function, for comfortable use in all room light conditions.

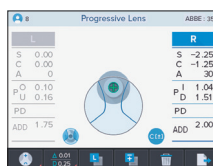
### Incomparable UV Measurement Level Assessments

Few lensmeters provide UV assessments with the exact numerical value. Feel the difference and provide patients with the exact UV protection figure.



### Progressive Measurement Now More Efficient

The advanced algorithm helps to automatically measure the far and near sight addition with improved accuracy and speed.





# HLM-7000P DIGITAL LENS METER

## SPECIFICATION

### MEASUREMENT MODES

Cylinder	- , + , ±
Prism	Rectangular / Polar / Displacement
Sampling Speed	22fps
LED Wavelength	525nm (Green)
Measurable Lens Diameter	15~120mm
Contact Lense	Hard and Soft
ABBE Values	30~60 (1Step)
Wavelength	e-Line, d-Line

### MEASUREMENT RANGE

Sphere Power	0 ~ ±25.00D
Cylinder Power	0 ~ ±10.00D
Cylinder Axis	0°~180° (1°)
Add Power	0 ~10D
Prism Power	0 ~20△

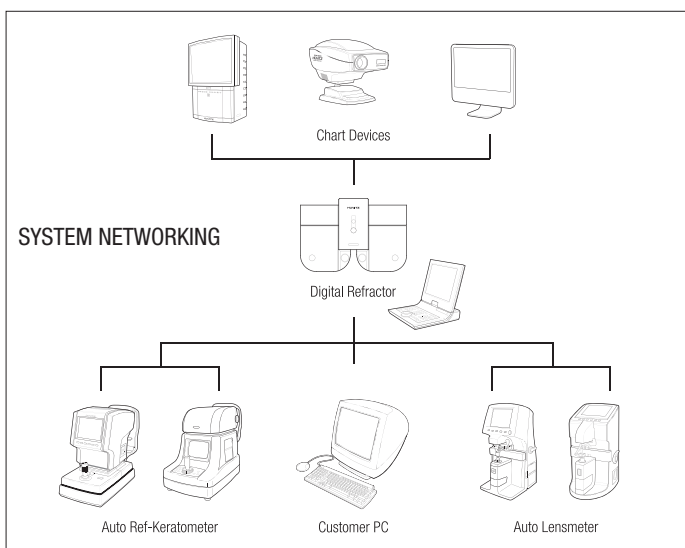
### INCREMENTS

Diopter	0.01 / 0.06 / 0.12 / 0.25D
Prism	0.01 / 0.06 / 0.12 / 0.25△

### DIMENSIONS

Dimension	190(W) x 237(D) x 377(H)mm / 5.5kg
Power Supply	AC 100-120V / AC 220-240V 50 / 60Hz
Display	Color LCD Display (640x480)
Baud Rate	9,600 / 57,600 / 115,200bps
Data Output	RS-232C

Designs and details can be changed without prior notice for the purposes of improvement.



**Huvitz**

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