Intelligence in your vision!
Huvitz is always striving to reflect all your questions and demands through state-of-the-art refraction system.
Finally we introduce HLM-9000 reinforced with Hartmann sensor and curvilinear design.
A brand new lensmeter, this is another challenge Huvitz will overcome.

Huvitz Auto Lensmeter HLM-9000

**Specification**

**Measurement Specification**

- **Sphere**: 0D~±25D (0.01/0.06/0.12/0.25)
- **Cylinder**: 0D~±10D (0.01/0.06/0.12/0.25)
- **Axis**: 0˚~180˚ (1˚ step)
- **Add**: 0~10D (0.01/0.06/0.12/0.25)
- **Cylinder Mode**: 0 to ±10.00D (Mix/-/+)
- **Prism**: 0~20° (0.01/0.06/0.12/0.25)
- **Measurable Lens Diameter**: 20 to 120mm (Contact Lens: 5 mm over)
- **Wavelength**: 545nm (Green)
- **Measurement Method**: Hartmann Sensor
- **Contact Lens Measurement**: Hard / Soft
- **UV Transmittance**: 0~100%
- **Blue Light Transmittance**: 0~100%
- **Display**: 7” Color LCD IPS panel (800x480) / Touch panel
- **Printer**: Auto Cutting Printer
- **Interface**: RS-232C, USB 2.0 Port, Wi-Fi (802.11b, 2.4GHz)
- **Dimensions**: 222(W) X 240(D) X 370(H)mm, 5.4kg
- **Power Supply**: 100-240VAC~, 0.5-0.3A, 50/60Hz

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

**System Networking**

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1 North Morton Ave. 2nd Floor, Morton, PA 19070
Change in Core Technology, Different Way of Measurement
[All New] HLM-9000 Auto Lensmeter

Striving both accuracy in measurement and efficiency in operation at a time leads you to HLM-9000.
HLM-9000 welcomes you to enjoy its superiority in wavefront analysis technology of Hartmann sensor and automatic lens recognition.
A beautiful curvilinear design speaks emotional stability to you.
With HLM-9000, take satisfaction which you have ever enjoyed before.
“Another Jump in Accuracy, Wavefront Tech”
Reliable Data with Maximized Satisfaction

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

Blue Light Hazard Measurement
As usage of smart phones, LCD monitors and many electric devices increases, blue light hazard emitted from LED displays is recognized as one of noxious rays. HLM-9000 measures blue light transmittance of blue light blocking lens.

UV Measurement
Easy operation and easy display of UV transmittance allow easy understanding of UV transmittance level from single vision lenses and sunglasses.

Multi-focal Lens Measurement
Automatic recognition of multi-focal lenses supports easy measurement with measurement guidance on display and even measurement of sun-glasses and prism multi-focal lenses is simple.

Improved Accuracy with Green Light Beam
Green light beam(545nm), which is nearly same as Fraunhofer e-line(546.1nm) of ISO standards, speaks higher accuracy in measurement than general infrared light.

Auto Lens Recognition
Single vision, progressive and other lenses are recognized automatically and turns into corresponding measurement mode.

Contact Lens Measuring Kit
Hard and soft contact lenses are measurable. (Soft Contact Lens Jig : Optional)
7” Color LCD Display
Wide display with unlimited viewing angle (178˚) minimizes work fatigue and maximizes work efficiency.

Wide Tilting Angle
Clear and bright display is readable from any direction with wide tilting angle.

Intuitive Prism Direction
Moving directions of both actual lens and lens on display are in same direction to avoid any confusion during measurement.

Wireless Communication
Wireless communication via Wi-Fi allows perfect data transmission with HRK-9000A and HDR-9000 regardless of working environment. Classic communication via RS-232 cable is available for data transmission with previous models.

Simple GUI
GUI readable at the first glance is user-friendly with easy operation and anyone can easily conduct measurement without expert knowledge.

Minimized Gap between PD Bar and Nose
Bi- or multi-focal lenses of small sizes are measurable and accurate measurement is possible over entire spot of lens.

Auto Cutting Printer
Fast and quiet printer with automatic cutting function shows all data to customers quickly. Replacement of paper roll is in one touch action.

Extra Storage
Extra storage on upper section allows small accessories to be stored without any dust penetration by cover of rubber material.

“Improved Interface means Improved Efficiency”
Experience intuitive and easily accessible design.