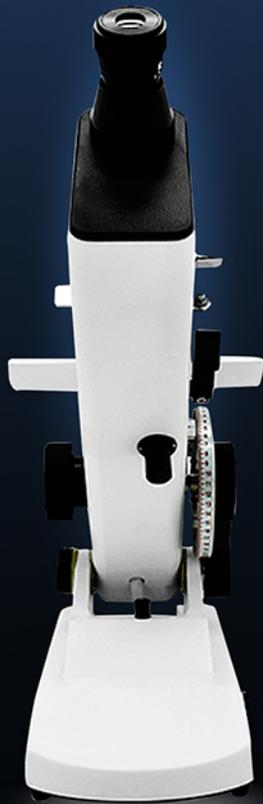


**VIEWLIGHT**  
POWERED BY INNOVATION

# MANUAL

## LENSMETERS



FLEXIBLE & PORTABLE OPTICS



# LR-10 MANUAL LENSMETERS



## Product Specifications:

- **Measurement Range:** 0 to  $\pm 25D$
- **Outer Reading:** 0.125D
- **Inner Reading:** 0.125D Graduation up to 0 to  $\pm 5D$
- **Digital:** 0.01D
- **Cylinder Axis Range:**  $0^{\circ} \sim 180^{\circ}$  step  $1^{\circ}$
- **Prismatic Power Range:**  $0 \sim 5\Delta$  prism diopters,  $1\Delta$  graduations with prism compensation of device  $0 \sim 20\Delta$
- **Prism Basal Angle:**  $0 \sim 180^{\circ}$
- **Eyepiece Adjustment:**  $\pm 5D$
- **Dimensions:** 275mm (L)  $\times$  120mm (W)  $\times$  430mm (H)
- **Weight:** 4.6 kg
- **Illumination Lamp:**  $\sim 220V/3V 3W$  or  $\sim 110V/3V 3W$

## Overview

Lensmeter LR-10 can measure spherical or cylindrical lens, diopters, astigmatism axis of cylindric lens, prisms, mark the optical center, cylindric lens axis and prism base.

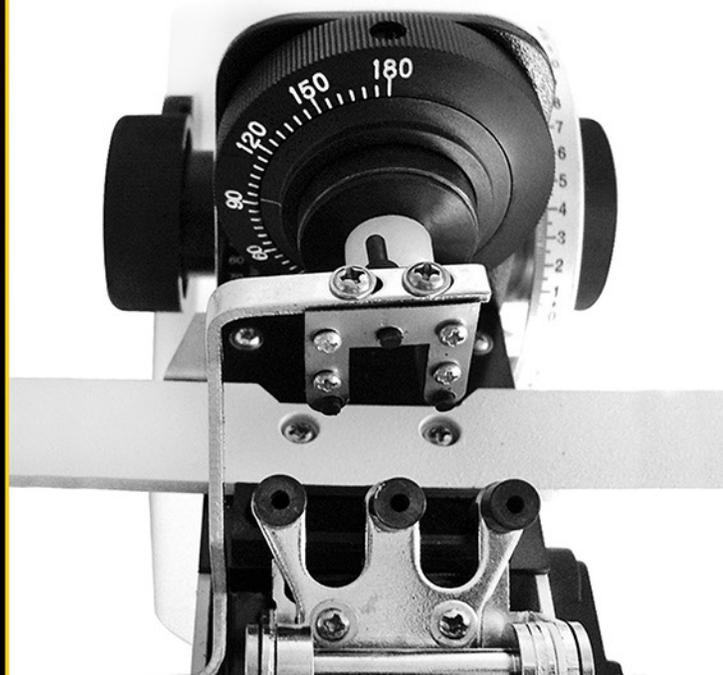
Compensation prism is NOT included.



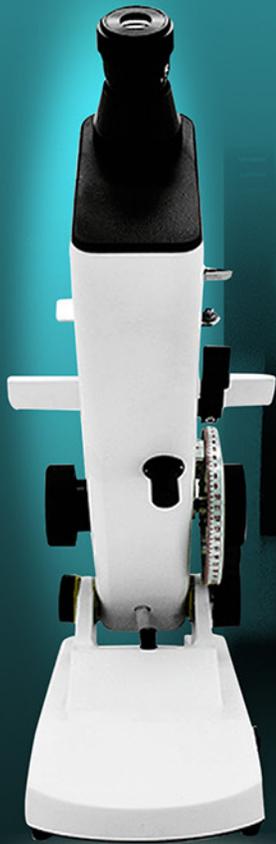
## Precise Measurements

LR-10 lensmeter is an easy to operate, clear to read and stable in performance. Suitable for optical stores, lens processing factories, lens sales departments, and ophthalmic departments.

- Intuitive high precision
- Diopter measuring hand wheel
- Astigmatism axis measuring hand wheel
- Reading division board



# LR-20 MANUAL LENSMETERS



## Product Specifications:

- **Measurement Range:** -25D~+25D
- **Minimum Scale Value :** -5D~+5D 0.125D;  
-5D~-25D +5D~+25D 0.25D
- **Astigmatism axis angle:** 0°~180° Minimum scale value 1°  
cylindrical lens:
- **Prism Degree:** Model A 0~5△ Minimum scale value 1△  
Model B (with prism compensator) 0~20△  
Minimum scale value 1△
- **Prism Basal Angle:** 0~180° Minimum scale value 1°  
180°~360° Minimum scale value 5°
- **Ocular Range Visibility:** ~5D~+5D  
adjustment:
- **Measured Size lens:**  $\Phi 16 \sim \Phi 80 \text{mm}$
- **Eyepiece Adjustment:**  $\pm 5 \text{D}$
- **Dimensions:** 280mm (L)  $\times$  150mm (W)  $\times$  450mm (H)
- **Weight:** 4.9 kg
- **Illumination Lamp:** 220V / 110V 15W

## Overview

Viewlight's advance manual lensmeter LR-20 equipment is easy to operate, clear to read and stable in performance. Suitable for all optical stores, lens processing factories, lens sales departments, and ophthalmic departments



## Accurate Measurements

The LR-20 lensmeter can measure spherical or cylindrical lens, diopters, astigmatism axis of cylindrical lens, prisms, mark the optical center, cylindrical lens axis and prism base.

- Intuitive high precision
- Diopter measuring hand wheel
- Astigmatism axis measuring hand wheel
- Reading division board



# LR-20P MANUAL LENSMETERS



## Product

## Specifications:

- **Measurement Range:** -25D~+25D
- **Minimum Scale Value :** -5D~+5D 0.125D;  
-5D~-25D、+5D~+25D 0.25D
- **Astigmatism axis angle:** 0°~180° Minimum scale value 1°  
cylindrical lens:
- **Prism Degree:** Model A 0~5△ Minimum scale value 1△  
Model B (with prism compensator) 0~20△  
Minimum scale value 1△
- **Prism Basal Angle:** 0°~180° Minimum scale value 1°  
180°~360° Minimum scale value 5°
- **Ocular Range Visibility:** -5D~+5D  
adjustment:
- **Measured Size lens:**  $\phi 16 \sim \phi 80 \text{mm}$
- **Eyepiece Adjustment:**  $\pm 5 \text{D}$
- **Dimensions:** 280mm (L) × 150mm (W) × 450mm (H)
- **Weight:** 4.9 kg
- **Illumination Lamp:** 220V / 110V 15W

## Overview

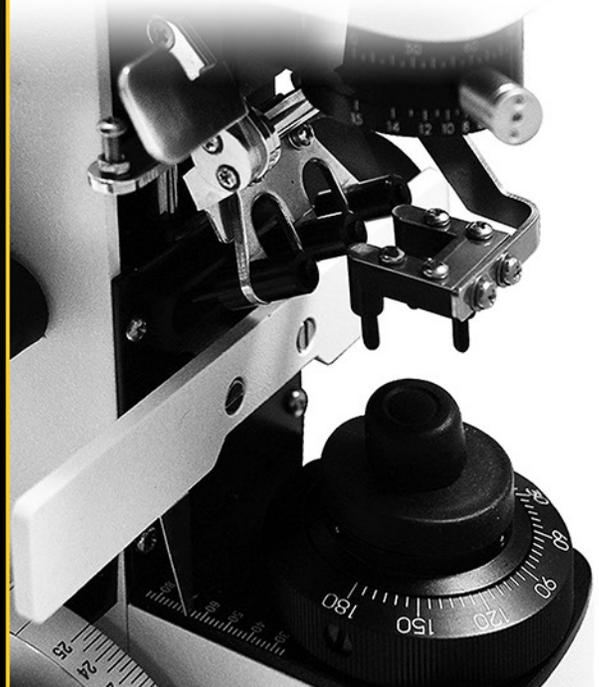
Viewlight's manual lensmeter LR-20P measures the spherical lens diopter, cylindrical lens diopter, cylindrical lens axis of astigmatism, prism diopter, prism basal angle and cornea contact lens diopter.



## Quality Performance

The LR-20P manual lensmeter is easy to operate, clear to read and stable in performance. Suitable for optical stores, lens processing factories, lens sales departments, and ophthalmic departments.

- Prism compensation device
- Diopter measuring hand wheel
- Astigmatism axis measuring hand wheel
- Reading division board
- Lens pressing unit
- Intuitive high precision



# LR-30 MANUAL LENSMETERS



## Product Specifications:

Focus range of eye piece:  $-5D \pm 5D$

- Measuring range of lens:  $-20D \pm 20D$

Scale value of spherical diopter

- External reading:  $0.125D (-5 \pm 5D)$
- Internal reading  $0.125D (-5 \pm 5D)$

Cylindrical Diopter (Scale Value)

- $0.125 (-5 \pm 5D) / 0.25D (Exceed \pm 5D)$

Cylindrical astigmatism axial angle

- Measuring range:  $0-180^\circ$
- Scale value:  $1^\circ$

Prism Deviation

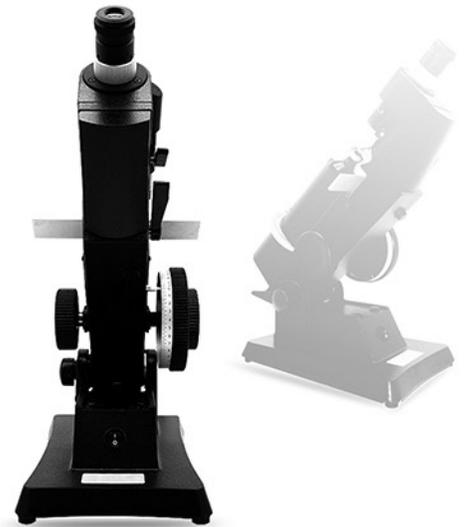
- Measuring range  $0-5\Delta (0-20\Delta \text{ with prism compensator})$
- Scale value:  $1\Delta$

Prism axial angle

- Measuring range:  $0-360^\circ$
- Scale value  $1^\circ$  (On the reticule)
- Suitable range for lens  $\varnothing 30\text{mm} - \varnothing 90\text{mm}$
- Adjustable tilt angle  $0-90^\circ$
- Voltage power:  $220V/25W$  or  $110V/25W$
- Weight/ Dimension:  $7.35\text{Kg} / 460\text{mm} \times 170\text{mm} \times 240\text{mm}$

## Perfect Reading

The LR-30 features precise and accurate measurements for all progressive lenses and marks the exact center for correct readings.



## Lens Support

To verify the accurate prescription in eyeglasses, the LR-30 will verify the power of contact lenses with a special lens support. The table lens allows the user to take measurement of conventional lenses from 30-90 mm in diameter.

- Inclination of 90 degrees
- Prism compensator
- External power
- Axis readings
- Cross-line target
- Precise optics

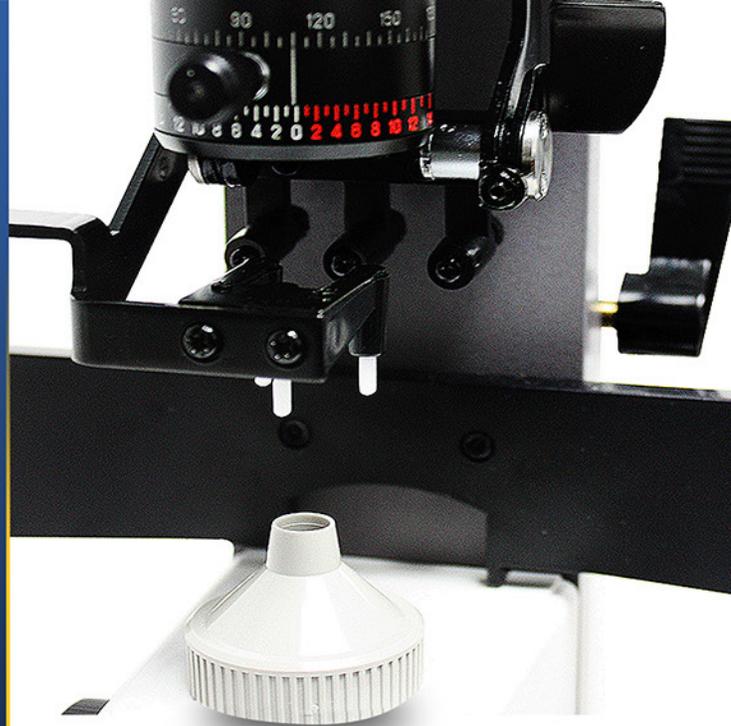


# GL-30 MANUAL LENSMETERS



## Product Specifications:

- **Power Supply:** AA battery (2 pcs) for the power (recharge-battery can be used as well)
- **AC Adapter:** Included
- **Target:** Using the "Cross Line Pin Hole Colona" to make easy to see and measure
- **Large Lens:** The GL-30 can measure the lens between  $\phi 20 \sim 100\text{mm}$
- **Contact Lens** Contact lenses are measured without any adjustment due to the vertical type
- **Internal Reading:** Measurement Value can be read internally.
- **Marking Cartridge:** Can be recognized easily on the Auto Centering Device



### Target

Using the "Cross Line Pin Hole Colona" to make easy to see and measure.

### Maintenance Free

The G-30 uses Clean Energy LED for the illuminant and no need to replace the bulb. Additionally, it can be used for a long time even with the battery.

### White Color Marking Cartridge

Marking Cartridge can be replaced easily without getting your hands dirty. White dots can be seen and confirmed easily on not only the regular lens, but also the dirk sunglass lens.

### No Power Supply Required

Using the AA battery (2 pcs) for the power and can be used at any place (rechargeable battery can be used as well). Also, the AC Adapter is available.



# P-LR5 MANUAL PORTABLE LENSMETERS



## Product Specifications:

- Vertex Power Range: +15 diopter to -15 diopter
- Vertex Power Step: 0-(±)10D for 0.125D (±)10D-(±)15D for 0.25D;
- Prismatic Power Range: 0-4 prism diopter
- Prismatic Power Step: 1 diopter
- Cylindrical Axis Range: 0 to 180 degrees
- Cylindrical Axis Step: 5 degree
- Lenses Diameter: 20mm to 80mm
- Eyepiece Focusing: -5D to +5D;
- Power supply: DC4.2V 2W (2AA batteries)
- Dimensions: 26 mm W x 118 mm D x 156 mm H
- Weight: 360gr

## Overview

Accurate measurements of spherical, cylindrical and prism powers. It is also easy to set up and will operate on two AA batteries.



## Durable & Secure

Viewlight's portable lensmeter has a compact and well designed packaged suitable to travel.

## Portable Accessibility

Portable lensmeter P-LR5 device is suitable for all measurement detection departments, processing factories, hospitals, optical element factories to examine spherical lens diopter of ophthalmic lens or lens cylindrical lens, diopter, astigmatism axis of cylindrical lens, diopter of prism.

## Included:

- 1 x Lensmeter
- 1 x Suitcase
- 1 x Charger
- 1 x Manual

