VIEWLIGHT®

POWERED BY INNOVATION

Digital Lensmeter

DLR500

SE+ 0.00
S + 0.00
C + 0.00
A   0
△ 0.00
0.00

VIEWLIGHT

FDA

1. Sliding Nose Pad Frame
2. 7" LCD Screen
3. Lens Fixing Frame
4. On / Off Switch
5. Reading Switch
6. Point Button
7. Lens Table
8. Lens Base
9. Printer

FDA

ViewLight
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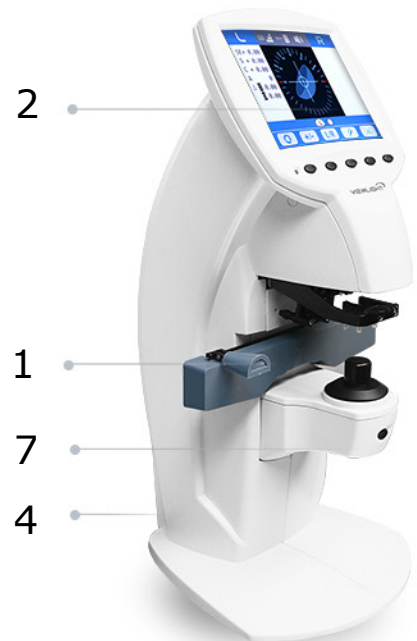
Features:

- 7-inch high-resolution LCD screen monitor
- Wide measurements range (-25D ~ +25D)
- Flexible adjustable lens reader (without the use ABBE number)
- Auto lens meter for progressive, bifocal, trifocals, hard and soft contact lenses.
- Measures refraction, astigmatism, and prism lenses
- UV measurement interface & PD on both eyes
- Accurate optical center marking (ink cartridge included)
- Designed optical system for dark lenses, can do measurements for the dark lens only 5% of light transmittance

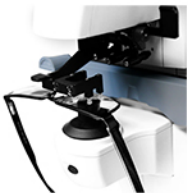| Touch 7" LCD Monitor	PD Accurate Lens Reader	Wide Measurement Range
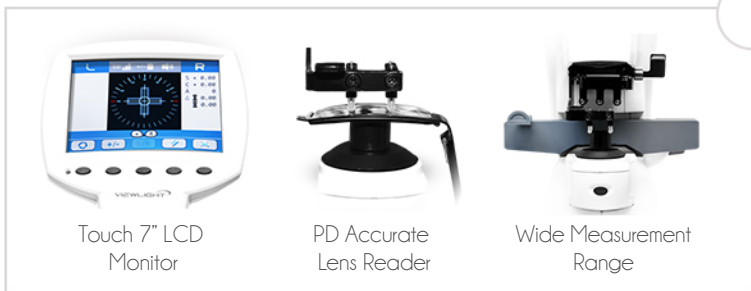
Digital Lens Meter

DLR500

Product Information

LCD monitors are designed to view until 110 degrees so that the user could operate the machine more effectively.

DLR 500 interface showcases the ability to modify the systems parameter to change any measurement modes.

Accurate lens detectors readers with a wide measurements of double (triple) vision lens. Built in optical center markers for precise reading.

The Auto lens meter could measure UV accurately without compensation of UV transmittance ratios between (-25D ~ +25D)

Built-in high-speed thermal printer, compatible with Viewlight products. Replaceable printing paper.
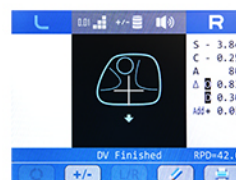
Viewlights vision lens measurement software is designed for precise reading and auto detection progressive lens.

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Digital Lens Meter
Product Specifications DLR500

Measurements

Sphere Power (SPH)	-25.00 ~ +25.00D (PD 12mm) Increments: 0.01 / 0.06 / 0.12/ 0.25D
Cylender Power (CYL)	-10.00 ~ +10.00D Increments: 0.01 / 0.06 / 0.12/ 0.25D
Astigmatism (Axis)	0 ~ 180° Increments: 1°
Additional Power	-10.00 ~ +10.00D (Add, Ad2, Ad3) Increments: 0.01 / 0.06 / 0.12/ 0.25D
Prism Power	0.00 ~ +15.00D Increments: 0.01 / 0.06 / 0.12/ 0.25D
Pupil Distance (PD)	Single Eye: 20mm ~ 39.5mm Double Eye: 40mm ~ 85mm

Applicable Lenses

Applicable Lens Type	Single / Bifocal / Trifocal / Progressive
Lens Diameter	15 ~ 110mm

Notes

Data Out	RS - 232C	
Internal Printer	High speed thermal printer	
Display	7.0 inch color LCD screen monitor	
Operating Environment	Temperature	+10°C ~ +40°C
	Humidity	30% ~ 90% RH
	Atmospheric pressure range	70 kPa ~ 106 kPa
	Shock (without packaging)	10g / 6ms
Storage and Environment Condition	Temperature	-40°C ~ +70°C
	Humidity	10% ~ 95% RH
	Atmospheric pressure range	50 kPa ~ 106 kPa
	Shock (without packaging)	30g / 6ms
	Permanent shock	10g / 6ms
	Oscillate (sine curve)	10Hz ~ 500Hz, 0.5g
Power Supply	AC (10V ~ 240V); 50/60Hz	
Max Power	40W	
Dimension	194mm (w) x 210mm (l) x 408mm (h)	
Weight	3.6kgs	

Product Type

Standard	Single, Progressive, Contact lens, printer
Full Package	Single, Progressive, Contact lens, PD & UV, printer

FDA