

**VIEWLIGHT**  
POWERED BY INNOVATION

**NEW**

*Digital*

LENSMETER

**DLR-800**

  
**ANDROID**  
SYSTEMS

**FDA**

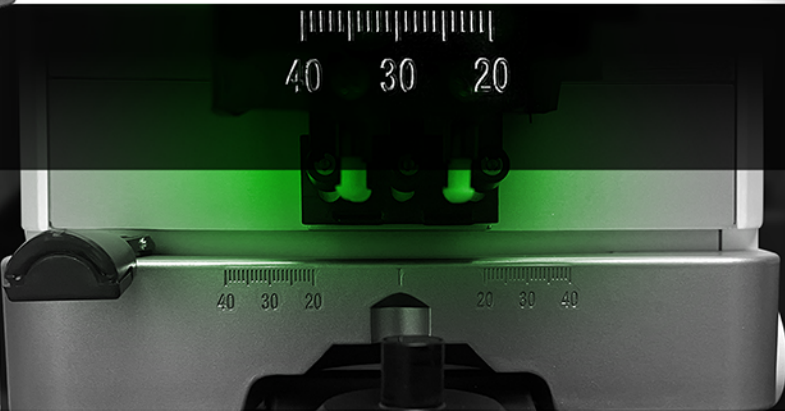
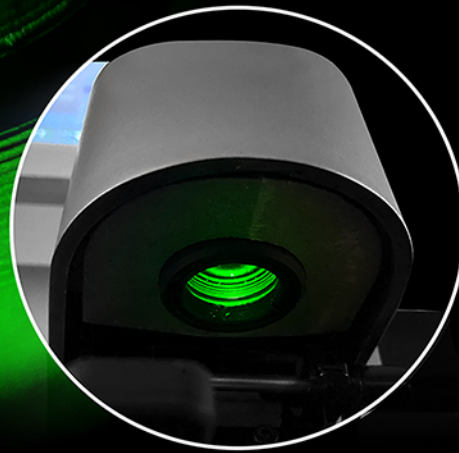
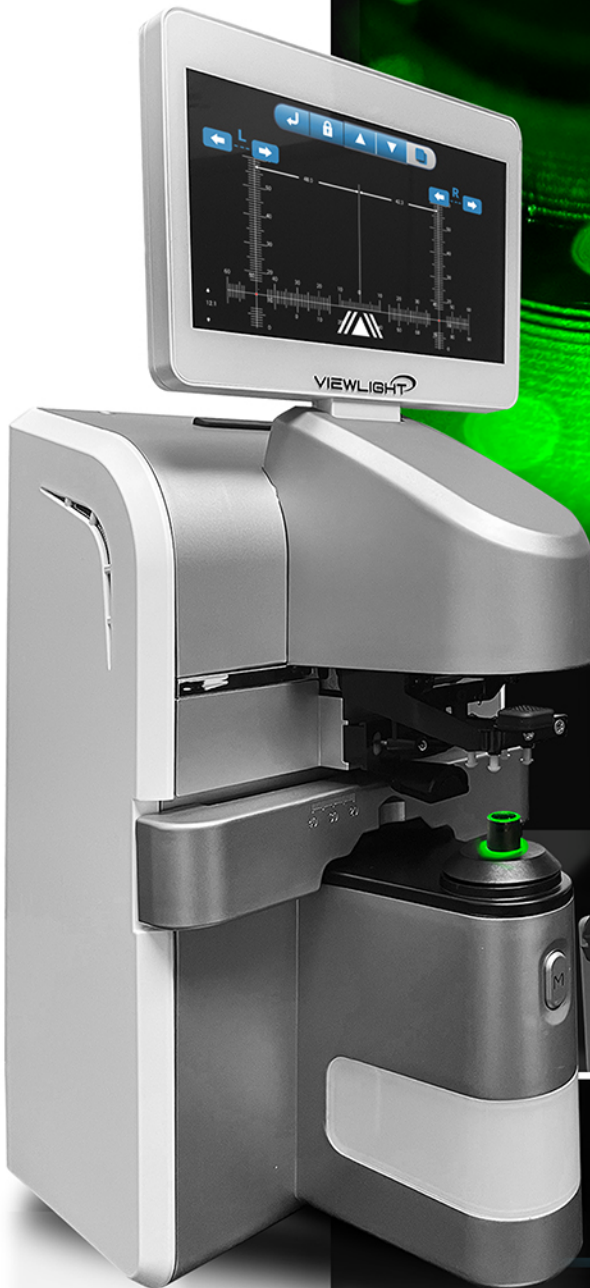


AUTO FOCUS

# LENS READER

## Optical Intelligence

The NEW DLR-800 is the most accurate digital lensmeter on market today under the hartmann principle. Measures refractive and prism power of the lens of eyeglasses and contact lenses.



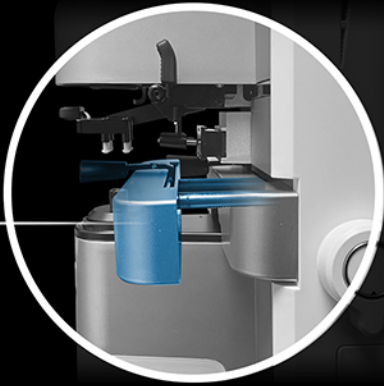
## Centering Diagram

The DLR-800 features a flexible adjustable lens reader (without the use of ABBE number) with a centering indicator, showcased by diagram marks on screen to adjust the optical center of the lens.



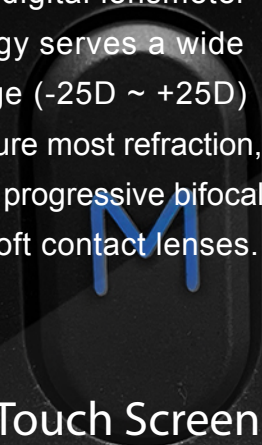
# AUTOMATIC

Measurement Range



1

Viewlights's latest digital lensmeter DLR-800 technology serves a wide measurement range (-25D ~ +25D) automatically measure most refraction, astigmatism, prism, progressive bifocal, trifocal, hard and soft contact lenses.



7"



2

## LCD Touch Screen Monitor

The new DLR-800 features a 7 inch LCD touch screen display, designed with sleek tilt of 110° to grant all user convenience. This HD liquid crystal monitor on which can show the measured data and PD of left and right eyes.

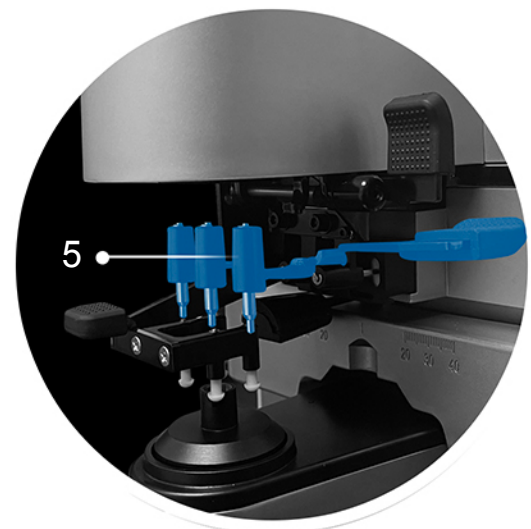
### FEATURES:

1. Lens Table Adjuster
2. 110° Tilt Screen
3. Lens Table Knob
4. Thermal Printer
5. Lens Markers



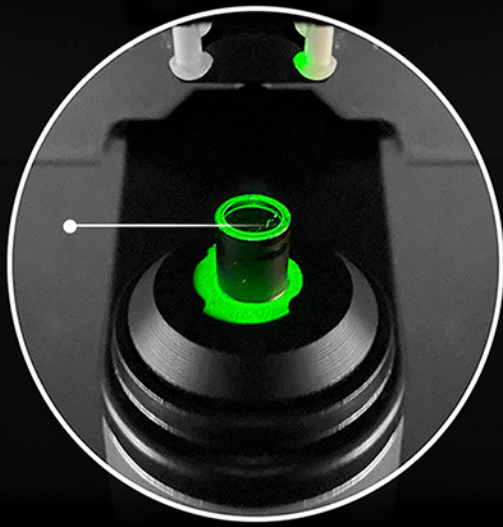
3

4



5

Vision Range  
Detector



## UV & Blue Light



DLR-800 specialized interface measurements and penetration ratio simply and accurately by easy operations and shows a result in the range of 0% to 100% for a various lenses including sunglasses.

## Precise Reading DETECTORS

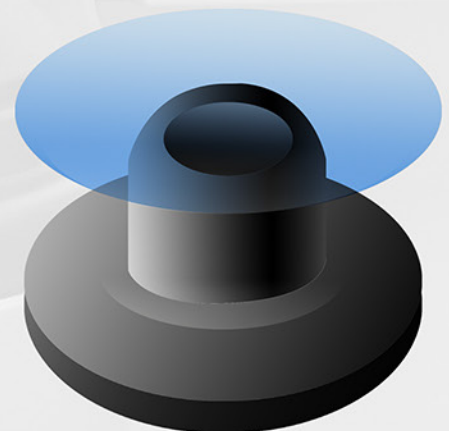
DLR-800 has a built-in accurate lens detectors readers with a wide measurements of double (triple) vision lens and optical center markers for precise reading. (ink cartridge included). It allows noticeable icons and intuitive familiar GUI for an efficient and flexible operations.



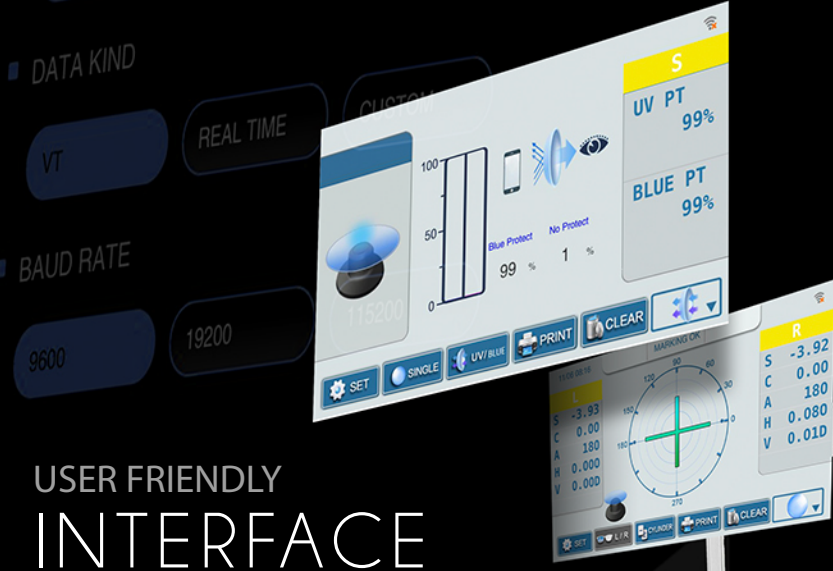
## Auto Identification



- Dioptric Profile
- PD Meter Measurement
- Progressive Lens Measurement
- UV Readings
- Prism Lens Measurement
- Normal Lens Measurement



- MEASURE
- DISPLAY
- SYSTEM
- NET
- USER
- ABOUT



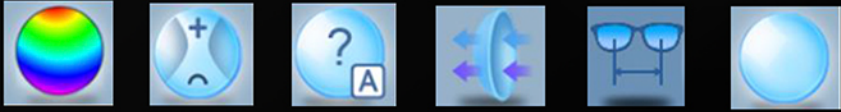
## USER FRIENDLY INTERFACE

The NEW DLR-800 interface showcases the ability to modify the systems parameter, change any measurement modes, auto saved measuring and printing out all data.



### High Speed Printer

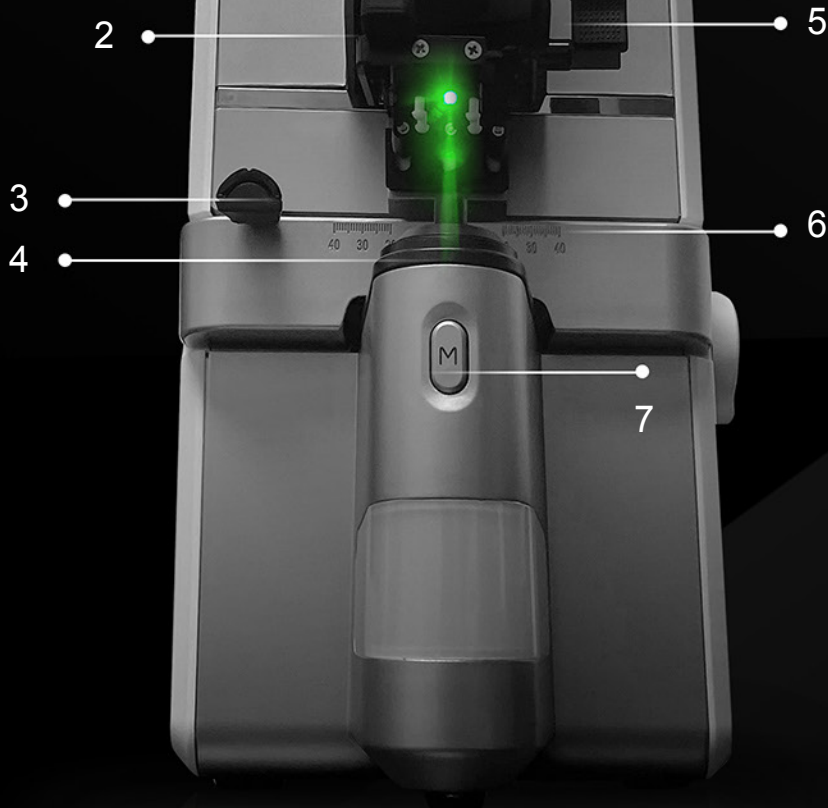
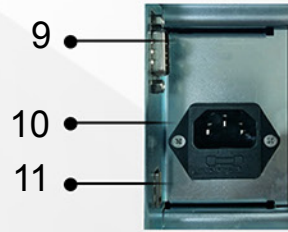
All PD measurements lensmeters have a built-in high-speed thermal printer, auto memory data saving and replaceable printing paper (included)





## DLR-800 - Power Supply

8. ON / OFF Switch
9. Computer Connection Port
10. Main Power Outlet
11. USB Connection Port
12. Device Serial Number



## Product Overview:

1. 7" LCD Touch Screen
2. Lens Fixing Frame
3. Side Nose Pad Frame
4. Lens Base
5. Point Button
6. Lens Table & Indicator
7. Memory Switch

# TECHNICAL PARAMETERS

## Included

- Lensmeter - 1unit
- Print Paper - 1 roll
- Inkpad Oil - 1 Box
- Dust Cover- 1 Piece
- Power Cable- 1 Piece

## Product Specifications

- Sphere Power: 0.00D- +25.00D (VD 12mm)
- Increment: 0.01/0.06/0/12/0/25D
- Cylinder Power: (CYL) 0.00~±10.00D
- Increment: 0.01/0.06/0/12/0/25D From: +, ±, -
- Axis for astigmatism: 0° - 180° (1° STEPS)
- Additional Power: 0.00~+10.00D
- Increment: 0.01/0.06/0/12/0/25D
- Prism Power: 0.00△-10.00△
- Increment: (0.01/0.12/0.25)cm/m
- Prism Basal Angle 0°to 360°
- Lens Size: Φ7 ~110mm
- Lens Thickness: ≤20mm
- Lens leg thickness: 0~158mm
- Range of PD: 30~100mm
- Range of PH: 4~55mm
- Pupil Distance: 10~80MM
- Speed Measurement: 0.2 second
- Lens Diameter: 18 to 110mm
- Lens Type: Single lens / Bifocal lens  
Three focal lens / Progressive

## Other

- Data Out: RS-232C, USB
- Internal Printer: Thermal Printer
- Display: 7.0" LCD Touchscreen Monitor
- Resolution: 1024 x 600
- Permanent Shock: 10g / 6ms
- Oscillate (Sine Curve): 10Hz ~ 500Hz, 0.5g
- Power Supply: AC100~220V 25VA
- Power Consumption: 45 ~ 65VA
- Dimensions (w) x (d) x (h): 255mm × 212mm × 473mm
- Weight: 5.10Kg

