

# DL-1000/900/800

## Digital Lensmeter DL Series



# About Us

## Rex + Max = Rexam

Rexam, which means 'the king of the kings', is a respected and reliable brand.

Rexam is a Japanese company with a celebrated 60 year history. With over 3,000 employees worldwide, Rexam manufacture a wide range of products for various industries; from factory automation, automobiles and air conditioning systems, to beer and ski boots.

Since 1986, Rexam has manufactured various high quality products for leading brands in the eye care industry, including SHIN-NIPPON. Rexam had developed and manufactured products for SHIN-NIPPON since 1993 and in 2014 the company took over the SHIN-NIPPON brand.

We will be bringing high quality ophthalmic equipment to a global market. By combining precision engineering with industry leading innovation and experience in mass production, Rexam produce unique products to support eye care specialists across the world.

### Quality in vision care, we are Rexam.



1960  
Foundation of Rexam

1986  
Rexam started the development and manufacturing of ophthalmic devices as an OEM supplier

1993  
Rexam became the main OEM partner for SHIN-NIPPON  
**SHIN-NIPPON**

2014  
Rexam acquired the SHIN-NIPPON brand  
**SHIN-NIPPON** by **Rexam**

2018  
The manufacturer brand Rexam was inaugurated  
**Rexam**

**Rexam**  
Quality in vision care

Proudly  Made in Japan



# Compact & Stylish Design

## Ergonomic and Easy Operation

Rexxam proudly introduced the compact and ergonomic Digital Lensmeter series DL-1000/900/800 with refined quality and high accuracy.

A full colour flat screen monitor with excellent visibility.  
This compact and stylish design compliments any practice.

The DL-900 accomodates a printer, whilst the top model DL-1000 includes UV transmittance measurement and pupillary distance measurement.

- Green LED Measurement Beam (e-line)
- Progressive lens alignment guidance system
- 5.7inch a Flat Screen Colour Monitor
- UV Transmission Measurement (DL-1000 only)

Compact, Small Footprint



400 - 468mm

170mm

205mm



## Wide visual field angle and tilt screen

The wide visual field and 60 degree tilt screen enables the user to operate comfortably in sitting or standing position.



## Capacitive touch sensor buttons

The capacitive touch sensor buttons work responsively whilst keeping the main screen clear from fingerprints, etc.

## Green LED Light

The DL-series support light wavelength of both d-line and e-line. The use of Green LED measurement beam gives precise measurement values of lenses with various refractive indices without the need for ABBE value compensation.



## New lens holder & Marking cartridges

A higher precision of marking is achieved by shorter stroke of the marking ink cartridges. A newly designed lens holder assures a secure fixation of the lens during marking.



## Dual nose pad (PD measurement)

Rexxam's unique "Dual Nose Pads" design makes PD-measurement easy and quick (DL-1000 only).



## Accessory box

Perfect to store printing roll paper, marking cartridges and contact lens holder.



## Connectivity

The DL series lensmeters are compatible with Rexam's Digital Refractor DR-900. Lensmeter data can be easily exported to the DR-900 for an efficient and accurate workflow.



## Clear and intuitive User Interface

The Cross-Target changes its colour when correct alignment is achieved.

When measurement is finished, the data is stored and the data section changes its colour.

Measurement data, including UV-Transmittance % (for DL-1000) are displayed simultaneously.

Measurement data can be displayed in dioptre step of 0.25D / 0.12D / 0.01D.

Measurement system could detect Progressive Lens automatically.

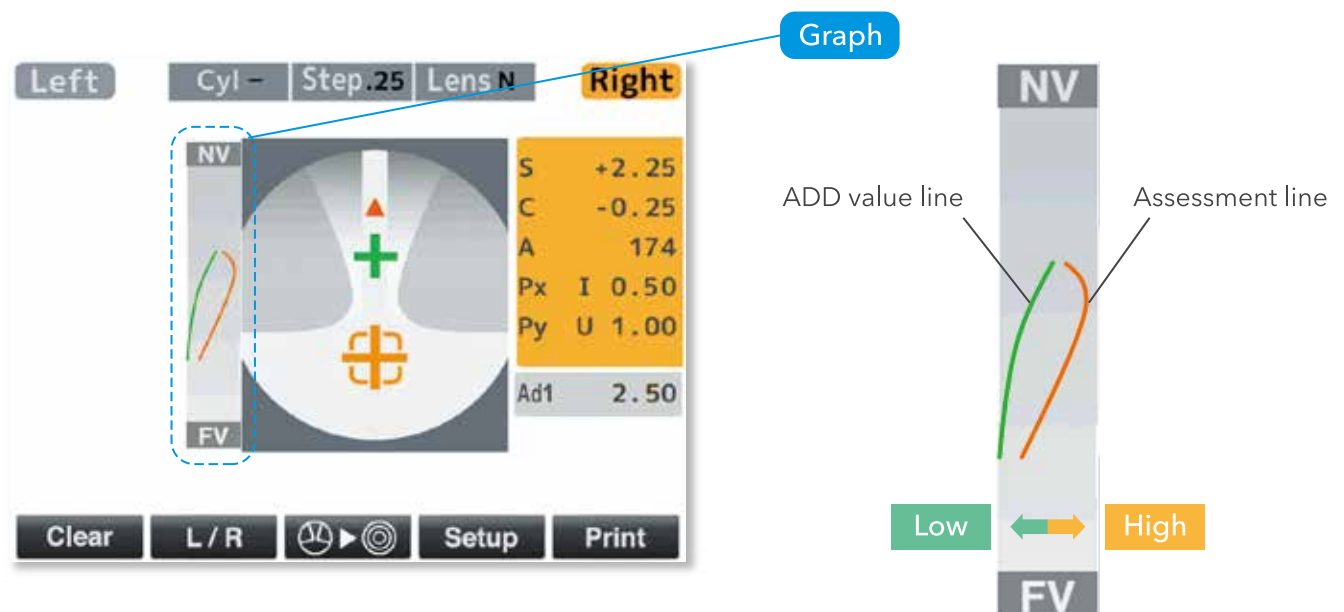


## Auto progressive lens mode with assessment guidance




Measurement of progressive lenses has never been easier.

A graphical guidance system and clear display symbols assist the user with the alignment of the progressive lens to obtain a quick and accurate measurement. Once properly aligned, the DL series lens meter will automatically store the far and near power.

The Assessment Guidance in Progressive Mode helps to locate the optimal position of Near Point 'ADD' position of the Progressive Lens. Once proper alignment is achieved, the DL-series Lensmeter automatically captures the data and displayed besides.



# DL Series Specifications

Measurement Range	Sphere	-25D ~ +25D ( 0.01 / 0.12 / 0.25 step )
	Cylinder	0D ~ ±10D ( 0.01 / 0.12 / 0.25 step )
	Axis	0° ~ 180° ( 1° step )
	Addition	0D ~ +10D ( 0.01 / 0.12 / 0.25 step )
	Prism	0Δ ~ 10Δ ( 0.01 / 0.12 / 0.25 step )
	Diameter of Lens	Φ20mm ~ 100mm ( in case of contact lens, more than Φ5mm )
Measurable Lens	Unprocessed Lens ( diameter : 100mm ) Framed Processed Lens 	Single Lens, Multifocal Lens, Progressive Lens
	Hard Contact Lens  Soft Contact Lens 	Accompanying lens stand is necessary
Measurement Wavelength	525nm	
UV Transmittance Measurement *	0 ~ 100% ( 5% step )	
UV Transmittance Measurement Wavelength *	375nm (UV-A)	
Pupillary Distance Measurement *	45mm ~ 85mm ( 0.5mm step )	
Monitor	5.7 inch color LCD monitor	
Printer **	Thermal line printer	
Power	Power Voltage	AC 100 ~ 240 V , 50/60Hz
	Power Consumption	40VA
	Power Saving Function	OFF , 3 , 5 , 10 min. (selectable)
Data Output	R2-232C interface	
Size	Weight	approx. 4.3kg
	Dimensions	170mm(W) × 205mm(D) × 468mm(H) ( 400mm(H) : when the monitor is stored )

\*DL-1000 only  
\*\*DL-1000/900 only

Models	DL-1000	DL-900	DL-800
UV Transmittance Measurement	included	—	—
Pupillary Distance Measurement	included	—	—
Printer	included	included	—

## Standard Accessories

- Contact Lens Stand
- Printer Roll Paper
- Dust Cover

Design and specifications are subject to change without notice.

### Manufacturer

**Rexxam**

Quality in vision care

Rexxam Co.,Ltd.

Proudly  Made in Japan

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