Rexxam
Quality in vision care

from Grafton Optical

DL-2000 P/S/E

Digital Lensmeter DL Series

Proudly Made in Japan

About Us

Rex + Max = Rexxam

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

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

Since 1986, Rexxam has manufactured various high quality products for leading brands in the eye care industry, including SHIN-NIPPON. Rexxam 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, Rexxam produce unique products to support eye care specialists across the world.

Quality in vision care, we are Rexxam.

1960
Foundation of Rexxam

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

1993
Rexxam became the main OEM partner for SHIN-NIPPON

SHIN-NIPPON

2014
Rexxam acquired the SHIN-NIPPON brand

SHIN-NIPPON by Rexxam

2018
The manufacturer brand Rexxam was inaugurated

Rexxam

Rexxam
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Revolutionize Your Lens Measurement with the New DL-2000 Digital Lensmeter

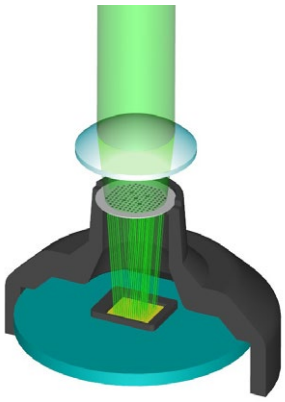
Introducing the DL-2000 Digital Lens Meter by Rexxam: The successor to the highly acclaimed DL-800/900/1000 series, the DL-2000 is available in three models: DL-2000 Premium, DL-2000 Standard, and DL-2000 Economy. This advanced digital lens meter features a complete redesign with a wide touch screen and an intuitive user interface, making it user-friendly and efficient. Equipped with 145 measurement points utilizing Hartmann sensor technology, the DL-2000 can automatically measure the smallest addition power down to 0.5 Diopters, ensuring precision in every measurement. The upgraded Hartmann sensor allows for quicker and more accurate readings of progressive lens. Additional capabilities include UV measurement*, blue light measurement**, and pupillary distance (PD) measurement**. The DL-2000 is poised to be an invaluable asset to your practice, enhancing your lens measurement capabilities and improving patient care.

- Hartmann sensor 145 measurement points
- Auto measurement of addition power down to 0.5 Diopters
- 7.0 inch touch panel
- Auto progressive lens detection
- UV transmittance measurement 375nm *
- Blue light transmittance measurement 420nm **
- Green measurement illumination

* only DL-2000 P/S
** only DL-2000 P

Wide visual field angle and tilt screen

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



Hartmann sensor

The Hartmann sensor is capable of measuring 145 points which enables auto measurement to the smallest addition power down to 0.5 diopters. This sensor assures a quick and accurate auto detection of progressive lens.

Pupil distance measurement **

The DL-2000 P is equiped with the PD measurement function. The new designed Nose pad support is compattible with the latest frames fashion that hash a large bridge width.

Measurement switch

The measurement switch can be easily personalised to any of the colours white, blue or green according to your preference.

Connectivity

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

** only DL-2000 P

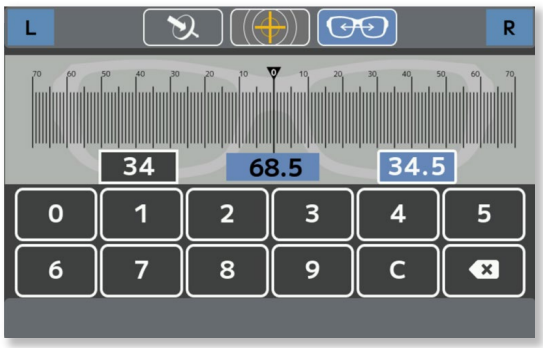
DL-2000 Series Features

Clear and intuitive User Interface

Experience a clear and easy-to-use interface with touch-screen buttons and intuitive icons. The cross-target changes colour to indicate correct alignment when the center is properly positioned. Spherical equivalent Diopter power is displayed for soft contact lens measurements. Measurement data can be displayed in Diopter steps of 0.25D, 0.12D, or 0.01D.

Pupil Distance Input Function

The PD values of the framed lens measurement value can be entered manually.

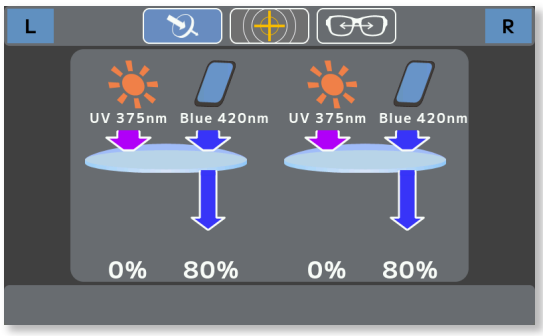


Auto progressive lens mode

Measuring progressive lenses has never been easier. The DL automatically detects and measures progressive lenses with precision. A graphical guidance system and clear display symbols help users quickly align the lens for accurate results. Once aligned, the DL series lens meter automatically stores both far and near power. The DL-2000 can automatically measure addition power as low as 0.5 Diopters.

UV* and Blue light** transmittance measurement

The DL-2000 offers precise UV transition measurement at 375nm and blue light transition measurement at 420nm, ensuring accurate assessment of lens protection. By measuring these transitions, you can guarantee optimal eye protection against harmful UV rays and high-energy blue light, providing enhanced visual comfort and safety for users.



* only DL-2000 P/S
** only DL-2000 P

DL-2000 Series Specifications

Product page

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	Horizontal direction : 0Δ ~ 15Δ (0.01 / 0.12 / 0.25 step) Vertical direction : 0Δ ~ 20Δ (0.01 / 0.12 / 0.25 step)
Measurable Lens	Unprocessed Lens (diameter : maximum 100mm) Framed Processed Lens	Single Lens, Multifocal Lens, Progressive Lens
	Hard Contact Lens (diameter : minimum 5mm) Soft Contact Lens (diameter : minimum 5mm)	Accompanying Contact Lens Stand is necessary
Measurement Wavelength	525nm	
Measurement Principle	Hartmann sensor	
UV Transmittance *	Measurement	0 ~ 100% (1 / 5 / 10 % step)
	Measurement Wavelength	375nm
Blue Light Transmittance **	Measurement	0 ~ 100% (1 / 5 / 10 % step)
	Measurement Wavelength	420nm
Pupil Distance Measurement **	45mm ~ 90mm (0.5mm step)	
Monitor	7.0 inch TFT color LCD touch monitor	
Printer *	Thermal line printer	
Power	Power Voltage	AC 100 - 240 V , 50/60Hz
	Power Consumption	40VA (DL-2000 P/S) , 25VA (DL-2000 E)
	Sleep Mode	OFF , 3 , 5 , 10 min (selectable)
Interface	LAN / RS-232C / USB	
Size	Weight	approx. 5.0kg
	Dimensions	195mm(W) × 209mm(D) × 447mm(H)

	DL-2000 P	DL-2000 S	DL-2000 E
UV Transmittance Measurement	included	included	—
Blue Light Transmittance Measurement	included	—	—
Pupil Distance Measurement	included	—	—
Pupil Distance Input Function	included	included	included
Printer	included	included	—

Included Items

- Contact Lens Stand
- Printer Roll Paper *
- Dust Cover

*DL-2000 P/S only
**DL-2000 P only

Design and specifications are subject to change without prior notice.

Manufacturer

Rexxam
Quality in vision care

Rexxam Co.,Ltd.
Kagawa factory

958 Ikeuchi, Konan-cho,
Takamatsu-shi, Kagawa-ken,
761-1494 Japan

Proudly Made in Japan

Available in the UK from Grafton Optical

sales@graftonoptical.com
+44 (0)1923 233980

graftonoptical.com

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