

Digital Lensmeter DL Series

Specifications

| | | | |
|----------------------------------|---|--|---|
| Measurement Range | Sphere | -25D to +25D | (0.01/0.12/0.25 step) |
| | Cylinder | 0 to ±10D | (0.01/0.12/0.25 step) |
| | Axis | 0 to 180° | (1°) |
| | Addition | 0 to +10D | (0.01/0.12/0.25 step) |
| | Prism | 0 to 10△ | (0.01/0.12/0.25 step) |
| | Diameter of lens | φ20 to 100mm | (in case of contact lens, more than φ5mm) |
| Measurable Lens | Unprocessed lens (diameter : 100mm) | Single lens, multifocal lens, progressive lens | |
| | Framed processed lens | Accompanying lens stand is necessary | |
| UV Transmittance Measurement * | 0 to 100% Measurement step : 5% | | |
| Pupillary Distance Measurement * | 45 to 85mm Measurement step : 0.5mm | | |
| Measurement | 525nm | | |
| Power Rating | 100~240V 50/60Hz | | |
| Power Consumption | 40VA | | |
| Printer ** | Thermal printer (paper width 58mm) | | |
| External Communication Port | RS-232C | | |
| Monitor | Color LCD monitor (5.7 inches) | | |
| Size, weight | 170mm (W) × 205mm (D) × 468mm (H) (400mm : when the monitor is stored) Approx. 4.3kg | | |
| Environmental Condition of Use | Temperature range : 10°C to 40°C Humidity range : 30 to 90% HR (No dew condensation allowed) | | |
| Standard Accessories | Operation Manual/Power code/Printer paper/Dust cover/Contact lens holder | | |

* : DL-1000 model only
** : DL-1000/900 model only

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

Design and specifications are subject to change without notice.

Manufacturer

Rexxam
Rexxam Co.,Ltd.
Kagawa factory
958,Ikeuchi,Konan-cho,
Takamatsu,Kagawa 761-1494,Japan

Contact

MEC Sales Division 2-8-4, Kandatsukasa-machi, Chiyoda-ku Tokyo,101-0048, Japan
TEL 81-3-3258-7701 FAX 81-3-3258-7702
E-mail:eye@rexam.co.jp URL:http://www.rexxam.co.jp URL:http://www.shin-nippon.jp



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Digital Lensmeter DL Series

DL-1000/900/800



Digital Lensmeter DL Series

Beautiful, cool design, user-friendly and accuracy have been achieved with highest level of perfection.

Stylish Design & Accuracy

A new flat screen monitor with a beautiful graphics display and excellent visibility. Slim, Compact and Stylish Design can complement any interior. Newly designed optical unit has achieved high level measurement accuracy.



New Generation DESIGN & STYLE

Exquisite detail and quality. Sophisticated shape combined with soft curves and attractive color with high quality two-tone metallic and pearlescent paintwork which complements any interior appeals atmosphere of trust to the customer.

Compact & Slim design

Place and fit by a wall tightly and neatly.



Green LED light

Green LED light gives more precise measurement values without Abbe value adjustment. (Previous model had Red LED light)



Convenient accessory box

Perfect to store spare roll paper, marking pen and contact lens stand.



New designed lens holder & marking pens

In the pursuit of ergonomics, lens holder and marking pens are integrated. Operability improved by shortening the stroke of marking pens, and high precious marking is enabled.



Easy & Comfortable Operation

5.7 inch flat screen monitor performs beautiful and excellent visibility. The unit can comfortably be operated from both seated and standing positions by 60°-vertical tilt function. Newly designed software and user interface have achieved high level usability. Any one can measure the progressive lens easily and intuitively.

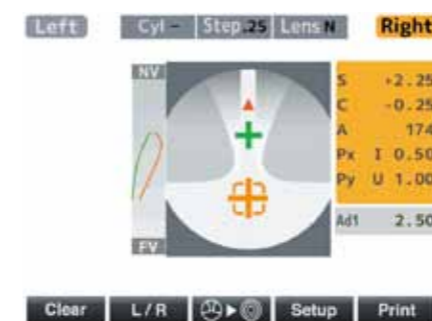
User interface with beautiful and excellent visibility

When alignment is correct, the color of target changes. When the measurement is finished, the color of the datawindow changes. The operation state of equipment can be judged visually.



Easy and intuitional progressive mode

Movements of lens are perfectly linked to the movement on screen. Any one can measure the progressive lens easily and intuitively.



Hi-Speed UV measurement

Measurements of lens power and UV are performed simultaneously. The results are displayed right away.



Feather-touch sensor button

The feather-touch sensor button used to interface with screen enables sensitive and accurate operation.



Wide visual field angle and tilt screen

Wide visual field angle and 60° tilt screen. The unit can comfortably be operated from both seated and standing positions.



“Dual Nose Pad” PD measurement

With our unique “Dual Nose Pad” the PD measurement is much quicker and easier. Higher work efficiency on left and right lens measurement.

