

CLM 3100P

Reliable And Perfect Automatic Lensmeter

CLM 3100P PREMIUM AUTOMATIC LENSMETER

CLM-3100P based on advanced technology ensures more precise and efficient than ever before.

Visual Guide

Easy to understand visual guides help operators to perform an effective & efficient measurement without extensive operator training and minimize the time spent in the measurement process.

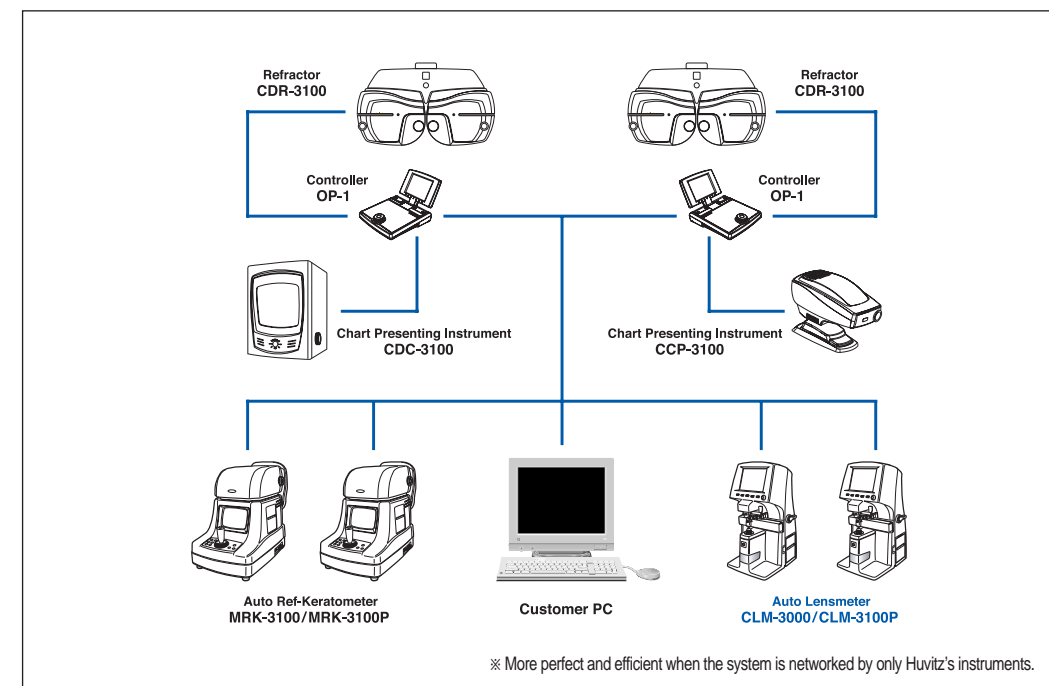
Flexibility

CLM-3100P designed to fit in any practice measures progressive lens and prism lens and provide a system of sharing data over a network.

Cost-Effective

CLM-3100P provides various measurement functions : measurement of UV transmittance, pupil distance and contact lens. Additional equipment is no longer required.

SYSTEM NETWORKING



SPECIFICATIONS

Measurement Range

| | |
|----------------|--|
| Sphere Power | 0 ~ ±25.00D |
| Cylinder Power | 0 ~ ±10.00D |
| Cylinder Axis | 0° ~ 180° (1°) |
| Add Power | 0 ~ 10 D |
| Prism Power | 0 ~ 10 Δ (only near 270°) 0 ~ 4 Δ (the other sides) |

Increments

| | |
|---------|-----------------------|
| Diopter | 0.01 / 0.125 / 0.25D |
| Prism | 0.01 / 0.125 / 0.25 Δ |

Option Table

| | Printer | PD | UV |
|-----------|---------|----|----|
| CLM-3100A | 0 | X | X |
| CLM-3100B | 0 | 0 | X |
| CLM-3100C | 0 | 0 | 0 |
| CLM-3100D | 0 | X | 0 |

Measurement Modes

| | |
|--------------------------|---|
| Cylinder | - , + , ± |
| Prism | Rectangular / Polar / Displacement |
| Sampling Speed | 0.016 sec |
| LED wavelength | 630 nm |
| Measurable Lens Diameter | 15 ~ 100mm |
| Contact Lens | Hard and Soft |
| ABBE Values | 30 ~ 60 (1step) |
| Display | LCD Display (320 X 240 LCD Backlight) |
| Data Output | RS - 232C |
| Measurement wavelength | e-line : 546.07nm, d-line : 587.56 |
| Baud Rate | 9,600 / 19,200 / 38,400 / 57,600 / 115,200 bps |
| Dimension | 230(W) X 245(D) X 426(H) mm 9.05 X 9.64 X 16.77 inch |
| Weight | 5 kg |
| Power Supply | AC100 ~ 240V, 50 ~ 60Hz |
| Weight | 5 kg |

• PD : Pupillary Distance • UV : UltraViolet • BPS : Bit Per Second

Designs and details can be changed without prior notice for its improvements.

Huvitz

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Pacing Progress toward People **Huvitz**

Need more accuracy & efficiency?



CLM-3100P has been designed to comply with all your measuring needs.

You can measure progressive lens, PD, UV and contact lens in one unit.

HUVITZ's advanced technology gives the best opportunity to achieve precision in your mind.

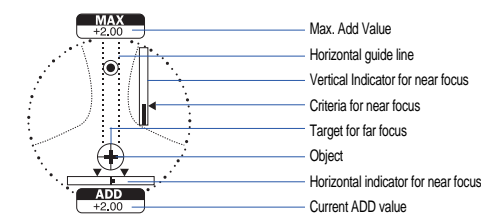
Apply your expert knowledge to CLM-3100P.



More Quickly and Efficiently -
Enhance quality of the lens measurement and customer satisfaction.

Simple Measurement of Progressive Multi-Focal Lens

CLM-3100P automatically detects progressive multi-focal lens and icon-based measuring process makes it easier to measure multi-focal lens. Especially in progressive multi-focal lenses, the center of Far/Near vision can be found automatically, so that inexperienced operator can perform an effective and efficient measurement.



LED Brightness adjustment

Due to adjustable LED brightness, you can perform the perfect measurement.



PD Measurement

CLM-3100P provides unique and easy methods enabling to measure PD of frames with power of lens simultaneously.

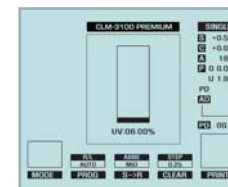
Using the new upward PD sensor, you can measure the vertical PD.



Measurement of UV transmittance

The simplest way to measure UV transmittance is provided without any additional equipments.

With built-in UV function, just check and read the data from the bar graphic display.



Contact lens measurement

CLM-3100P offers fast and accurate measurement data of all kinds of hard / soft contact lens. Measurement kit included.



Versatile and Precise -
Enjoy access to expertise in the professional measurement practice.

Self-Test

When the CLM-3100P is turned on, it automatically check of the system and let you know error information in with a beep.



Auto Save & Auto print

When the lens focus is detected, data is automatically saved.

After putting off the lens, data automatically printed or transferred to external device.



Network speed selection

Conveniently select the speed at which you want to send data over the network to other compatible equipment.



Wavelength selection

According to your national standard, you can choose the proper wavelength (e-line: 546.07nm / d-line: 587.56nm)

ABBE

The CLM-3100P can be set to measure lens with ABBE(30 ~ 60) in increments of 1 for more precise measurement

Ergonomical & Attractive Design-
Create professional environments.

Built-in Thermal Printer

Illustration of Axis & PD helps customer to understand the data.



Foot S/W (optional)

Foot switch operation, not handled by hands, may be able to guarantee fast and comfortable operation.

Unique Design

CLM-3100P with the unique design of Moai Statue (Easter Island) provides elegant and glossy image.

