CLM-3100
Auto Lensmeter

OPTICARE

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Simple Measurement of Progressive Multifocals

CLM-3100P automatically detects progressive multi-focal lenses and icon based measuring process makes it easier to measure multifocal lenses.

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.

Visual Guides

User friendly visual guides assist the operators to perform and effective and efficient measurement without extensive operator training.

Flexibility

The CLM-3100C is designed to fit in any practice to measure progressive and prism lenses, providing a system of sharing data over a network.

Cost-Effective Solution

Measurement Functions include: Measurement of UV transmittance, pupil distance and contact lenses. Additional equipment is no longer required.

Technical 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 (the other sides)		
Increments	Diopter	0.01 / 0.125 / 0.25D		
	Prism	0.01 / 0.125 / 0.25		
Options		Printer	PD	UV
	CLM-3100C	✔	✔	✔
	CLM-3100D	✔	✘	✔

Measurement Modes	Cylinder	- , + , ±
	Prism	Rectangular / Polar / Displacement
	Sampling Speed	0° ~ 180° (1°)
	LED Wavelength	0 ~ 10 D
	Measurable Lens Diameter	0 ~ 10 Δ (only near 270°) 0 ~ 4 (the other sides)
	Contact Lens	Hard and Soft
	ABBE Values	30 ~ 60 (1 step)
	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 / 115,200bps
Other	Size	230mm (W) X 245mm (D) X 426mm (H)
	Weight	5kg
	Power	AC100 ~ 240V, 50 ~ 60Hz