Hartmann sensor technology

Effectively increase the sampling points, the lens measurement is more accurate while reducing the risk of being unable to measure due to partial occlusion.

High-performance hardware system

The system is equipped with a high frame rate CMOS and a high-speed CPU, so that the test experience will be smooth.

1024*600 resolution LCD screen

The fine granularity of 0.15mm pixels makes the display image clear and delicate, while effectively improve the accuracy of pupilo distance measurement.

Multi-touch capacitive screen

Capacitive screens can effectively reduce the risk of calibration during the life cycle of the screen.

Progressive lens test

Advanced area search technology and user-friendly guide interface, the measurement of progressive lens can be finished after a short-time training.

Low transparency lens measurement

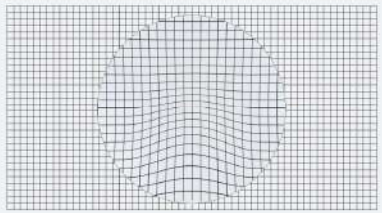
The function of self-adaptive closed-loop optical path adjustment can complete the measurement of the low transparency lens without switching functions.

Prism prescription settings

It supports to input prism prescription, only need to follow the screen mark to complete the lens center positioning.

Built-in distortion grid

The built-in distortion grid can help you initially identify whether the lens is an aspheric lens, it also assist in determining the channel direction of the unmarked progressive lens.



Blue light/UV qualitative protection test

It supports Blue-ray and UV transmittance measurement, which allows user to evaluate the protection level of the customer’ s lenses and provide lens selection suggestions to customer based on the prescription results.

Qualitative evaluation of lens wear

It supports the evaluation of the degree of lens wear, user can evaluate the degree of wear of the customer’ s lens, and provide data reference for whether to replace the lens.

Transformation and Innovation

With innovative measurement technology, CCQ-1100 achieves the perfect fusion of high speed, high precision, and high repeatability, effectively improve the measurement performance of the progressive lens.

Specification

CE

Measurement range

Sphere	-25D～ +25D
	Step：0.01D、0.06D、0.12D、0.25D
Cylinder	-9.99D～+9.99D
	Step：0.01D、0.06D、0.12D、0.25D
Axis	0～180°，Step：1°
Prism	0△～20△，Step：0.01△
Prism Basal Angle	0～360°，Step：1°
Add	0～ +9.99D
Contact Lens	Step：0.01D、0.06D、0.12D、0.25D
Applicable lenses	ϕ20mm~ϕ120mm
Prism measurement mode	P-B,UD/IO
UV transmittance	0～100%，Step：1%、5%
BLUE transmittance	0～100%，Step：1%、5%
Display	7 inch color full graphic，1024x600
Printer	Paper width：57mm；Thermal line printer
Interface	RS-232，USB
Dimensions	200mm(W)×210mm（D）×400mm（H）/4.5kg
Power Supply	AC（100V~240V）±10%，50/60Hz

All indexes in the catalog are only for reference. We regret not informing you of any further modification and our company reserves the right of final interpretation.

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CCQ-1100

AUTO FOCIMETER

With innovative measurement technology, CCQ-1100 auto-lensmeter can satisfy your request of fast and accurate measurement, and greatly improve the user experience of progressive measurement at the same time.

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