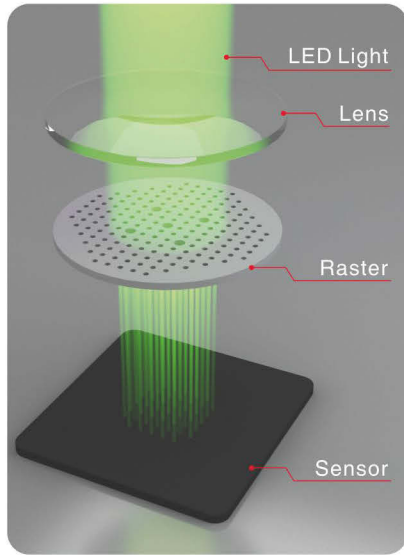


# LightSpeed Autolensmeter



## Green LED light

•ABBE number is a measure of the material's dispersion(variation of refractive index).Different lenses made of different materials are different in refractive index, thus in ABBE number. ABBE compensation is set into auto focimeter to match lens measurement. Improper setting of ABBE number may cause error bigger than allowed (0.01D), which fails the purpose of high-precision instrument.

•CCQ-800 uses green LED light, there is no need for ABBE compensation when measuring lenses with different indexes is needed and reading is done accurately and directly without calculation.

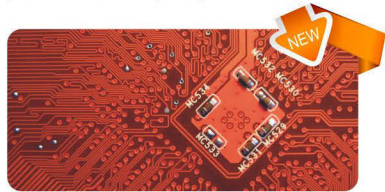
## Hartmann sensor

•Hartmann multi-dots data capturing and area measurement is used. It can achieve precise measurement with over 80 dots calculation, making progressive lens measurement more accurate. The large data capturing guarantees fast and accurate location of optical center in near and far portion. Progressive lens measurement guide strengthens operation efficiency.



## High-speed parallel processing system

•CCQ-800 uses unique multi core parallel processing system. The powerful data processing capability guarantees less-than-50ms process from data capturing to calculating.



## Low transmittance lens measurement

•CCQ-800 measures lenses with transmittance of 10% or even lower, wider than the 18% limit as is required by ISO standard.

## 20Δ Prism measurement

•Prism measurement comes up to 20Δ in vertical and horizontal direction, offering wider range and better flexibility.



## Low astigmatism lens measurement

•Low astigmatism lens measurement is not so easy as strong hard and software basis is required. Its strong data processing core, with the support of optimized algorithm achieves low astigmatism lens measurement.

## 7-inch TFT color touch screen

•7-inch industrial level TFT color touch screen, with 800\*480 pixels, has interactive interface with refined icons. All function icons are easy and simple to operate.

## Lens type auto identification

•CCQ-800 automatically identifies lens type as single vision or progressive lens under auto identification mode, and switches to corresponding measurement mode according to detected lens parameters.



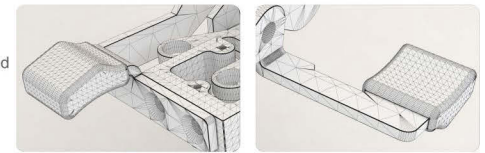
## New interactive experience

•Marking and lens pressing mechanism are covered with silicon for better user-friendly purpose. Its special shape and refined feeling bring new interactive experience.



## PD, PH, UV measurement and printer

•CCQ-800 achieves measurement of PD, PH and UV absorption measurement. High-speed thermal printer is built in to print data quickly.



## User-friendly interface

•Icons are designed and laid out according to operation frequency and convenience. Unified icon style, layout and color gradation make low resources occupation and fast response. It improves interface usability and lessens learning cost.



Distributed by



Tempe, AZ 85283  
Toll Free: 800-447-7511  
Web: www.voi2020.com