- **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 footmeter to match lens measurement. Improper setting of ABBE number may cause error bigger than allowed (0.01C), which affects the purpose of high-precision instrument.

- **CCO-600 uses green LED light, there is no need for ABBE compensation when measuring lenses with different indexes and reading is done accurately and directly without calculation.**

- **Hartmann sensor**

  Hartmann multi-dot data capturing and area measurement is used. It can achieve precise measurement with over 90 data 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 greatly strengthens operation efficiency.

- **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 optimal algorithm achieves low astigmatism lens measurement.

- **Low transmittance lens measurement**

  CCO-600 measures lenses with transmittance of 10% or even lower, wider than the 10% limit as is required by ISO standard.

- **Prism measurement**

  Prism measurement comes up to 20.5° in vertical and horizontal direction, offering wider range and higher accuracy.

- **Green LED light**

  - 7-inch TFT color touch screen.
  - Built-in 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**

  - 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.

- **Hartmann sensor**

  Hartmann multi-dot data capturing and area measurement is used. It can achieve precise measurement with over 90 data 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 greatly strengthens operation efficiency.

- **New interactive experience**

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

- **User-friendly interface**

  - Icons are designed and laid-out according to operation frequency and convenience. Unified icon style, layout and color gradient make lens measurement occupation and fast response. It improves interface usability and lessens learning cost.

- **High-speed parallel processing system**

  - CCO-600 uses unique multi-core parallel processing system. The powerful data processing capability guarantees less-than-50ms process from data capturing to calculating.