



# FA-100

AUTO KERATO-REFRACTOMETER  
AUTO REFRACTOMETER

## 3D tracking and auto focus

Just rotate to any position, it will automatically focus the eye and get the value.

## Refractive measurement with hexagon prism

With high quality of hexagon prism and highly sensitive CCD, it provides unmatched accuracy and reliability.





10.4" tilt and swivel monitor

Since the screen can be continuously tilted and swiveled, it can be placed anywhere in an examination area. Flexible layout and space saving design contribute to improved productivity and efficiency.



Built-in thermal printer

Automatic printing and paper cutting.

SPECIFICATIONS:

Refractometer	
Vertex distance	0mm, 12mm, 13.75mm, 15mm
Spherical	-25~+25m <sup>-1</sup> (VD=12) 0.12/0.25m <sup>-1</sup> Step
Cylinder	-10~+10m 0.12/0.25m <sup>-1</sup> Step
Axis	0~180° 1° Step
Cylinder form	-, +, ±
Pupil distance	5~90mm, 1mm Step
Min. pupil size	2.0mm
Keratometry	
Radius of curvature	5.0~10mm (increment: 0.01mm)
Corneal power	33.75~67.50m <sup>-1</sup> (when corner equivalent refractive index is 1.337) (increment selectable from 0.12, 0.25m <sup>-1</sup> )
Corneal astigmatism	0.0~8.00m <sup>-1</sup> (increment selectable from 0.12, 0.25m <sup>-1</sup> )
Axis	1~180° (increment: 1°)
Corneal diameter	2.0~12.0mm (increment: 1mm)
Others	
Chart	Follow-up colorful fogging chart system
Memory of data	10 measure value for each right and left eye
Display	10.4"LCD/TFT
Print	57mm thermal printer
Power supply	100~240V 50Hz 60VA
Serial Interface	USB ,RS-232C, Bluetooth, WIFI/4G (optional)
Dimension	445mm(W)×287mm(D)×490mm(H)
Weight	~20kg

\* Specifications are tentative and subject to change.

