



# ESCV-8600

Auto phoropter



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OPHTHALMOLOGY / ENT



# ESCV-8600



## Auto phoropter

### Features

#### ***Cross Cylinder Lens***

Dual cross cylinder lens as well as Jackson cross cylinder lens supports highly accurate exams over astigmatism axis and visual acuity. Improved speed of lens movement prevents accommodation interfering exam and guarantees accurate astigmatic exam.

#### ***LCD Chart Compatibility***

Compatibility with polarized LCD chart provides even economical efficiency (Both horizontal and circular polarization)

#### ***Slimmer Design***

Slimmer design even prevents minimum mechanical interference during exam and enables easy monitoring over patients. Easily input optometry date. Optometrist can input the data of patient directly to save time. Various Charts and Contents Diversification of near vision exam is realized through highly reliable near vision test charts. visual function test and various refraction Charts.

#### ***Professional Optometry Process***

Guide Graphical representation displayed on screen guides test process easier, faster and professional in real time

#### ***Tablet PC Control***

Exam can be carried out with tablet panel, for examiners-preferences easily (Tablet PC OS : Android 5.0 / Resolution 2560x1600).

#### ***Bluetooth Printer***

Bluetooth printer on operation panel supports easy use of printer and even replacing paper at one go.



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## Connection





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### Specifications

Measuring Range	
Spherical Lens	2900 - +2675D (Regular) (Step: 0.1 2D   0.25D   0.5D   1D   2D   3D)
Cylinder Lens	0.00 ~ 8.75D (Step: 0.25D / 0.5D / 1D / 2D / 3D)
Cylinder Axis	0~180' (Step: 1 1 5 1 15 1 30 1 45')
Pupil Distance	Far : 50 - 80 Near : 48 - 75 mm (Step: 0.5/1 .0 mm)
Working Distance	35 - 70 cm (Step: 5 cm)
Rotary Prism	0 ~ 20 A (Step: 0.1A / 0.2A / 0.5A / 1A   2A)
Cross Cylinder	Jackson Cross Cylinder 025D Jackson Cross Cylinder 050D Dual Cross Cylinder
Retinoscopy Lens	+1 5D. +2.0D (Test Distance 67cm, 50cm)
Specifications	
Body	362(width) * 76(depth) * 299(height)mm. 32kg
DELL panel computer	105inch. Android 5.0, Black
Power Supply	AC 100 - 240V, 50   60Hz . 90VA
Auxiliar Lens Pin Hole Lens	Φ1 mm
Moddox Rod	Right eye (horizontal red). Left eye (vertical red)
Red/Green Filter	Right eye (red). Left eye {green}
Polarized Light Filter	Right eye [135', 45'), Left eye (45', 1 35')
Separating Prism	Right eye (6ABU), Left eye {10ABI}
Fixed Cross Cylinder Lens	Jackson Cross Cylinder 0.50D, Axis fixation 90'
Vision Degrees	32'



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