

EDR-9000

D I G I T A L R E F R A C T O R



RE-DESIGNING DIGITAL REFRACTION

EDR-9000

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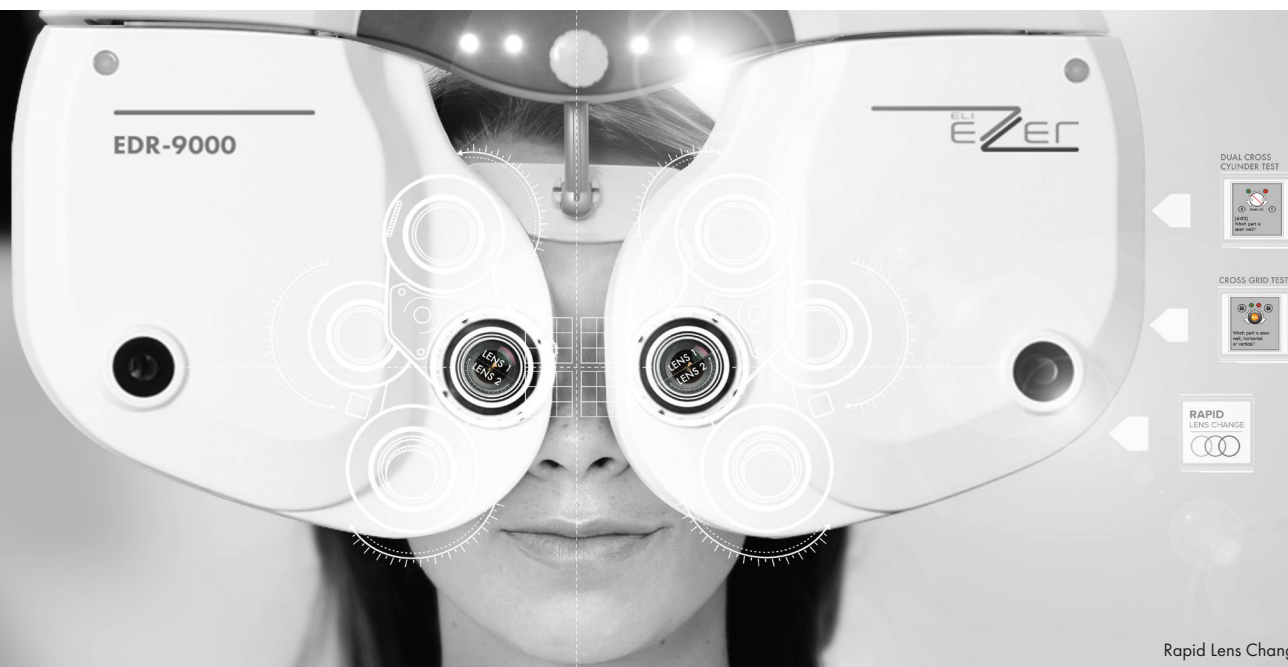
BLUETOOTH
CONNECTIVITY



EZER'S RECENTLY RE-ENGINEERED EDR-9000 DIGITAL REFRACTOR OFFERS MORE FEATURES THAN YOU THOUGHT WERE POSSIBLE; ALL IN ONE INCREDIBLE PACKAGE, DESIGNED TO NETWORK WITH A COMPLETE DIGITAL PRACTICE PLATFORM.

FEATURES

- Rapid Lens Change
- Dual Cross Cylinder Lenses
- Accelerated Reboot
- Sleek Eco-Friendly Design
- Anti-Bacterial Materials
- 8.0" High Resolution Touch Screen
- Color LCD with Tilt and Screen Reversal
- Elegant User-Friendly Keypad
- Touch Screen Interface
- Reduced Operating Acoustics
- Supports Numerous Visual Charts and Tests
- Multi Function Jog Dial
- Objective/Subjective Compare Function
- High Speed Built-In Printer
- Simultaneous Data Sharing
- Easy Networking Capabilities



A Dual Cross Cylinder lens allows users to quickly and conventionally perform astigmatic testing. The automatic occlusion function ensures comfort and precision during astigmatic testing; it prevents accommodation when the lens is rotating more than 45 degrees and the test mode is changing. The Lens operation is also speedy and accurate. You won't skip any data when operating the unit's multi-function jog shuttle dial.

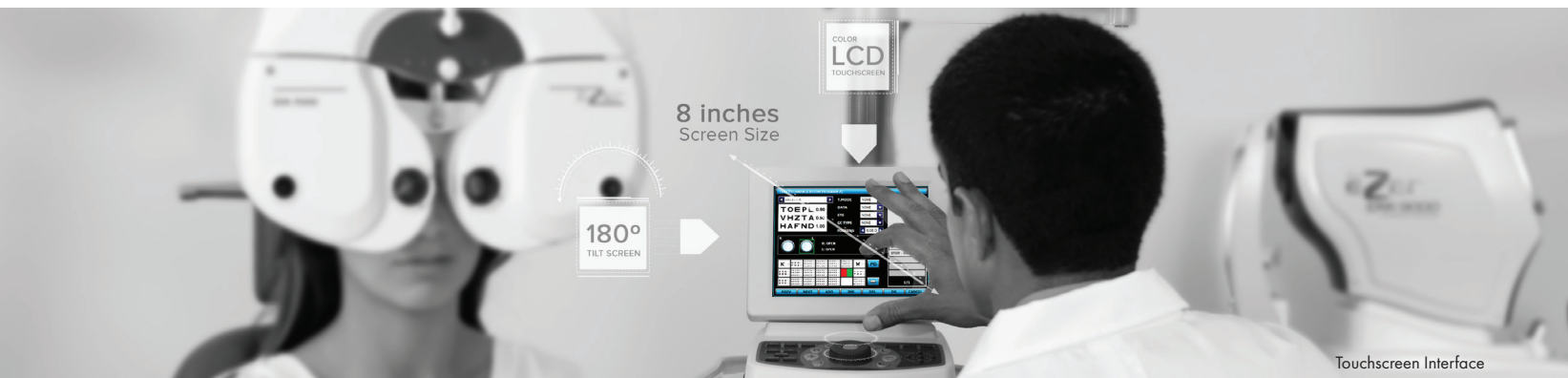
DUAL CROSS CYLINDER LENSES



It's time to replace the standard refractor with the recently re-engineered, intuitively designed EDR-9000 electronic refraction technology. The EDR-9000 lets you take control of the refraction process in ways you never imagined. You can completely program your preferences into the EDR-9000 so you or your technicians can reliably perform the refraction steps in a specific order.

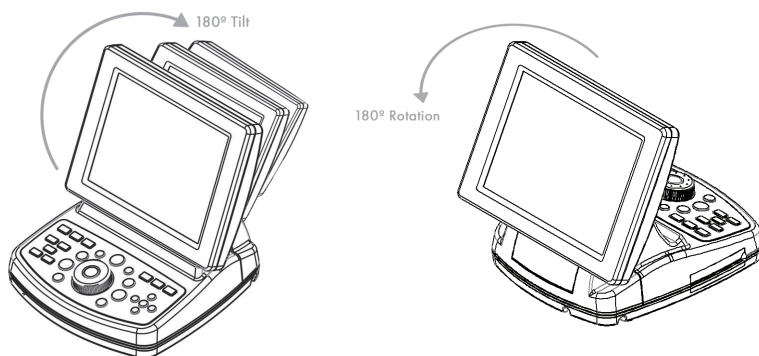
ACCELERATED REBOOT

8" HIGH RESOLUTION COLOR LCD PANEL



The 8" LCD touch panel is a powerful communication and programming hub, allowing you to define and choose programs, unit tests and more. It intuitively guides practitioners and staff for convenient system operation. Personalized updates are also simple using the built-in USB.

COLOR LCD WITH TILT AND SCREEN REVERSAL



Offering 180° of tilt and touch interface, the high resolution color LCD panel also offers a host of visual testing possibilities, allowing you to accurately perform color blindness tests and assess near vision using built-in charts and images.

ELEGANT USER-FRIENDLY KEYPAD

The EDR-9000 has an elegant key pad with well organized keys grouped by function. Shortcut options are also possible for added ease of operation. Countless tests and charts are readily available at the press of a button.

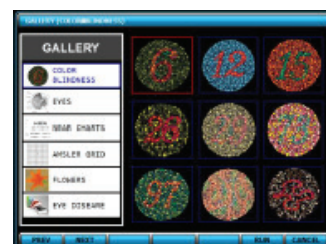
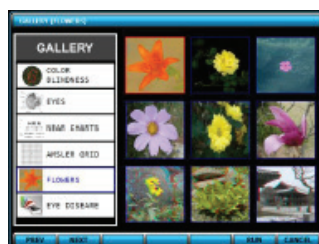
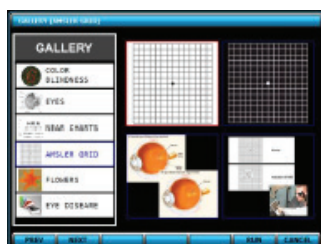
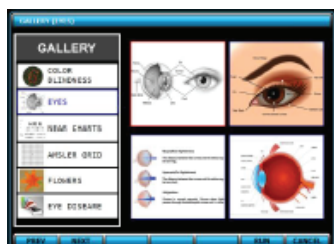


REDUCED OPERATING ACOUSTICS



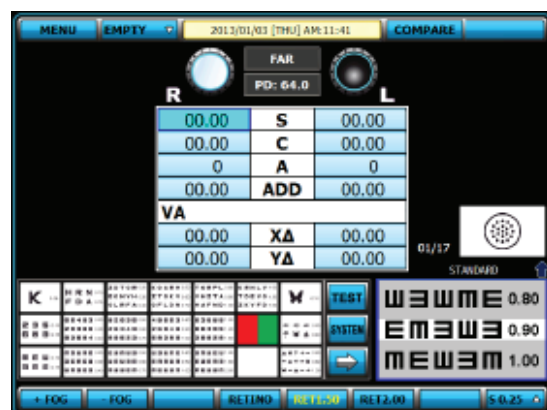
The EDR-9000 has been re-engineered with faster quieter motors to improve the speed and efficiency of the exam process. Various chart devices (ECP-5400, ERK-9000, and PCs) can be connected with a single cable. It's recommended that owners also utilize the ERK-9000 to make full use of the functionality that's possible with the EDR-9000.

MULTI FUNCTION JOG DIAL

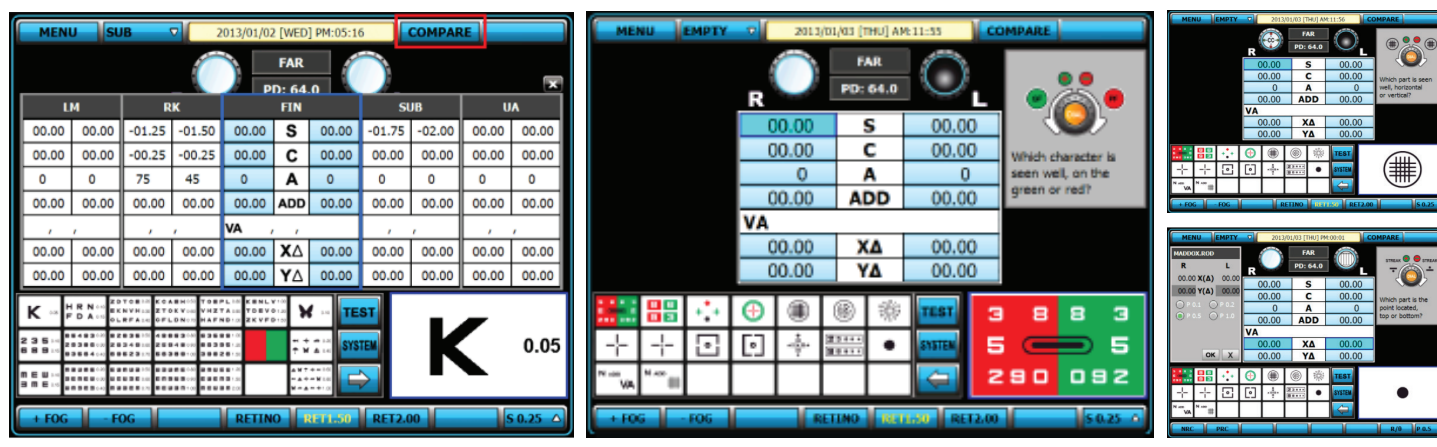


SUPPORTS MULTIPLE VISUAL CHARTS AND TESTS

The EDR-9000 offers worldwide standardized charting. With one built-in System Program and 11 Custom Programs and Unit Test Functions (30 System Test and 36 Custom Programs), the possibilities are endless. Practitioners can completely control the exam according to professional preference.



OBJECTIVE AND SUBJECT COMPARE FUNCTIONS



The EDR-9000 also offers 6 test modes that allow you to directly compare your objective test results with the subjective test result. The helpful Compare Mode allows you to directly witness how the results of the subjective vision test differ from those measured by the Ref/Keratometer and Lensmeter.

Exam Details

(NEAR)
00.00 SPH 00.00
00.00 CYL 00.00
0 AXS 0

---[FIN]---<-->--
(FAR)
-01.75 SPH -01.50
-00.25 CYL -00.25
0 AXS 0
00.00 ADD 00.00

(NEAR)
00.00 SPH 00.00
00.00 CYL 00.00
0 AXS 0

[Bin Visual Function]
NPC
---BLR---RCV---
7 cm 7 cm

NPA
---R---BIN---L---
33 cm 33 cm 33 cm

---BLR---BRK---RCV---
NR(BIN): +10.00 / +07.50
PR(BIN): -07.00 / -05.50

(FAR)
---BLR---BRK---RCV---
NR(Divergence) 10.00 12.00 9.00
PRC(Convergence) 11.00 12.00 9.00

(NEAR)
---BLR---BRK---RCV---
NR(Divergence) 9.00 10.00 7.00
PRC(Convergence) 7.00 9.00 6.00

(FAR)
* SCHORER
B100.50 XΔ B000.50
00.00 YΔ 00.00

* COINCIDENCE
B100.50 XΔ B000.50
00.00 YΔ 00.00

* MADDOX. ROD
B100.50 XΔ B000.50
00.00 YΔ 00.00

* PHORIA
B100.50 XΔ B000.50
00.00 YΔ 00.00

* PHORIA WITH FIXATION
B100.50 XΔ B000.50
00.00 YΔ 00.00

B100.50 XΔ B000.50
00.00 YΔ 00.00

* VON GRAEFE
B100.50 XΔ B000.50
00.00 YΔ 00.00

(NEAR)
* SCHORER
B100.50 XΔ B000.50
00.00 YΔ 00.00

* COINCIDENCE
B100.50 XΔ B000.50
00.00 YΔ 00.00

* MADDOX. ROD
B100.50 XΔ B000.50
00.00 YΔ 00.00

* PHORIA
B100.50 XΔ B000.50
00.00 YΔ 00.00

* PHORIA WITH FIXATION
B100.50 XΔ B000.50
00.00 YΔ 00.00

(FAR)
FUSION(Wroth): 5 Dots
STEREO: NG
ANISEIKONIA(X/Y): OK/OK

(NEAR)
FUSION(Wroth): 5 Dots
STEREO: NG
ANISEIKONIA(X/Y): OK/OK

ID: P20120222-0001
Name: Patient's Name M/F
Date: 2012/02/22 16:33
Age: 38
Dominant Eye: RIGHT
PD = 64.0 / 60.0 (NEAR)
WD = 40 cm

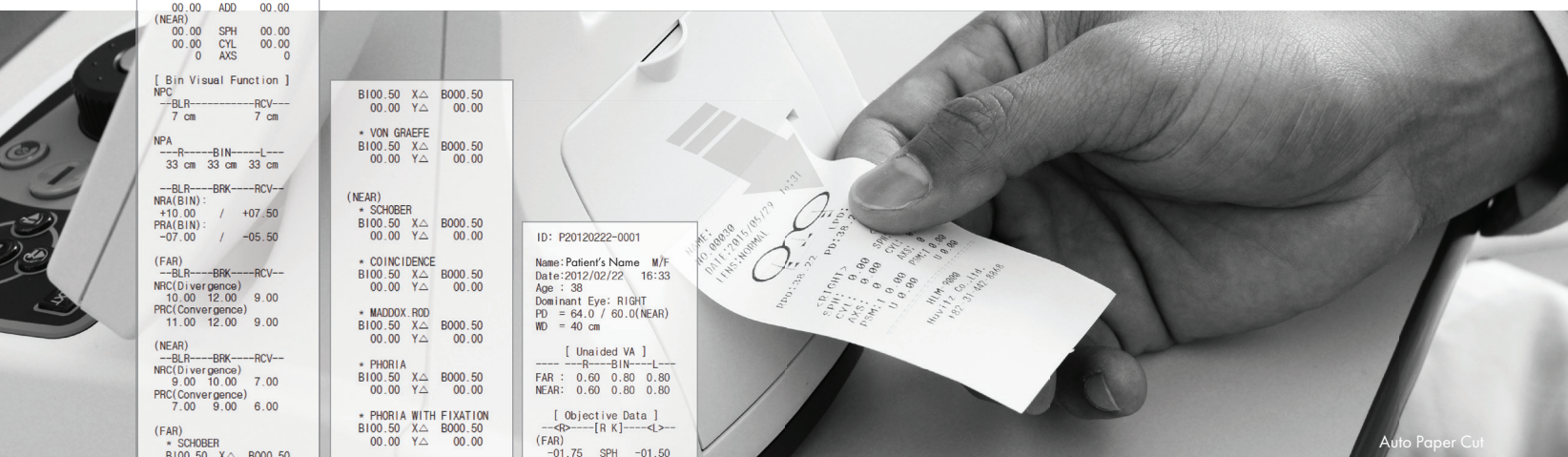
[Unaided VA]
---R---BIN---L---
FAR : 0.60 0.80 0.80
NEAR: 0.60 0.80 0.80

[Objective Data]
---[R K]---<-->--
(FAR)
-01.75 SPH -01.50
-00.50 CYL -00.50
175 AXS 5
00.00 ADD 00.00

(NEAR)
00.00 SPH 00.00
00.00 CYL 00.00
0 AXS 0

[Subjective Data]
---[SUB]---<-->--
(FAR)
-01.75 SPH -01.50
-00.25 CYL -00.25
0 AXS 0
00.00 ADD 00.00

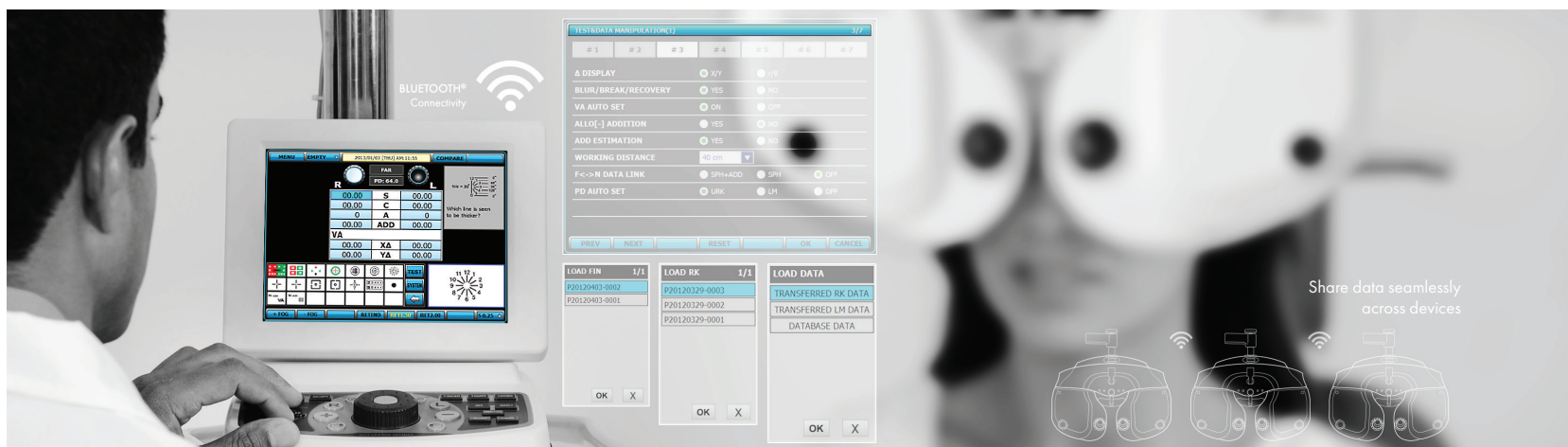
HIGH SPEED BUILT-IN PRINTER



Auto Paper Cut

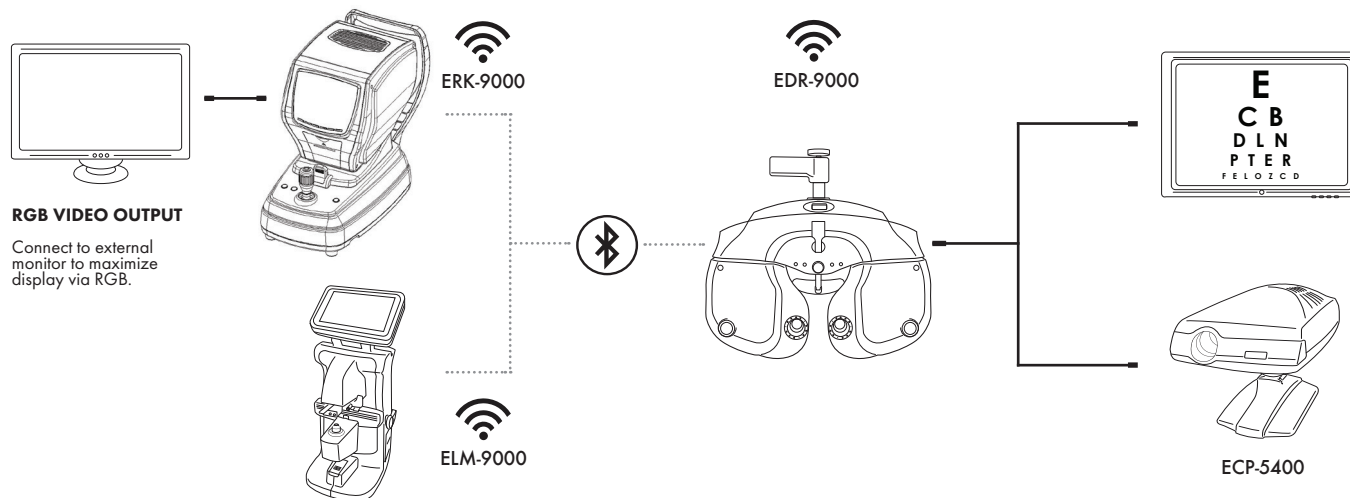
The one-step printing process lets operators quickly print test results. Paper replacement is also simplified.

SIMULTANEOUS DATA SHARING



The EDR-9000 makes it possible to organize and manage refraction in one test environment. At last, data sharing is cost effective thanks to that maximized compatibility among products centered around the powerful and robust EDR-9000.

EASY NETWORK CAPABILITIES



Combine the EDR-9000 with an Ezer Autorefractor and chart projector and to form an Ezer Digital Refraction Practice. The complete suite of products will allow you to perform a full digital vision exam, from pretest to Rx.

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CONNECTIVITY



YOU'LL BE AMAZED BY THE FULL RANGE OF BUILT-IN TESTS, ROUTINES AND UNITS.

Better yet, they're fully customizable. You're not the
only one who will be impressed by the EDR-9000.

Patients will see the difference too.

SPECIFICATIONS

Measurement Range		Specifications	
Spherical Lens	-29.00 ~ + 26.75D (Regular) -19.00 ~ + 16.75D (Cross Cylinder, Prism Test) (Step: 0.25D/0.5D/1D/2D/ 3D)	Body	362 (W) x 83 (D) x 299 (H) mm, 3.5kg
Cylinder Lens	0.00 ~ ± 8.75D (Step: 0.25D/0.5D/1D/2D/ 3D)	Controller	215 (W) x 230 (D) x 226 (H) mm, 1.5kg
Cylinder Axis	0 ~ 180° (Step: 1°/5°/15°/30°/45°)	Junction Box	266 (W) x 60 (D) x 239 (H) mm, 1.0kg
Pupil Distance	Far: 48 ~ 80mm (Step: 0.5/ 1.0mm) Near: 45 ~ 75mm (Step: 0.5/ 1.0mm)	Power Supply	AC 100 ~ 240V, 50/60h
Working Distance	35-70 cm (Step: 5cm)	Power Consumption	90VA
Rotary Prism	0 ~ 20 Δ (Step: 0.1Δ/0.2Δ/0.5Δ/1Δ/2Δ)	Auxiliar Lenses	
Cross Cylinder	Jackson Cross Cylinder ± 0.25D Jackson Cross Cylinder ± 0.50D Dual Cross Cylinder	Open/ Close Lens	Open/ Close Select
Retinoscopy Lens	+1.5D, +2.0D (Test Distance 67cm, 50cm)	Pin Hole Lens	Ø1mm
		Maddox 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°, 135°)
		Separating Prism	Right Eye (6ΔBU), Left eye (10ΔBI can be added to 0~5Δ)
		PD Test Lens	On/ Off Select
		Fixed Cross Cylinder Lens	Jackson Cross Cylinder ±0.50D, Axis Fixation 90°
		Vision Degrees	32°



Distributor: