ERK-9000

AUTO REFRACTOR / KERATOMETER

NEW GENERATION OF AUTO REF/ KERATOMETER

ELI EZER

THE EZER WAY OF LIFE

ERK-9000

AUTO REFRACTOR/KERATOMETER

BLUETOOTH CONNECTIVITY

2 YEAR WARRANTY

THE INNOVATIVE ERK-9000 DELIVERS PRETESTING DATA YOU CAN COUNT ON. THIS CUTTING-EDGE AUTOREFRACTOR/KERATOMETER GATHERS THE DATA YOU NEED QUICKLY AND ACCURATELY.

The ERK-9000 integrated seamlessly with the entire Ezer Digital Practice line, making it possible to perform a full digital vision exam, from pretest to Rx. Connecting remotely is easy thanks to connectivity features including built-in Bluetooth.

FEATURES

- Auto Refractor/Keratometer
- Auto-Shoot Programming
- IOL Mode
- Wide Dioptric Measurement Range
- Illumination Mode
- Easy Network Capability

- Accurate Iris and Pupil Measurement
- Simple and Convenient User Environment
- Ergonomic Joystick
- Motorized Chin Rest
- High-Speed Printer
- Auto Paper Cut

EZER
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AUTO REFRACTOR/ KERATOMETER

Now you can perform refractometry and keratometry alone or simultaneously. The space-saving ERK-9000 combines all of the necessary visual pre-testing functions in one smartly designed instrument. This flexible technology is also quick and easy to use. Nothing will stand in your way with features such as the built-in auto-fogging mechanism.

AUTO-SHOOT PROGRAMING

The ERK-9000 offers a variety of customizable options. For example, you can shoot at any rate you prefer. One click on the joystick button can take a single measurement, three continuous measurements or five continuous measurements.
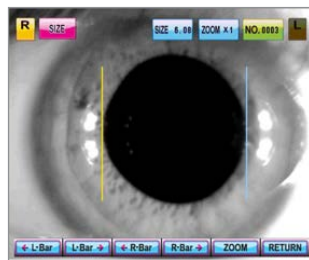
IOL MODE

Don't let cataracts or IOLs stand in the way of accurate measurements. Instead, gather a wealth of information about natural lens opacity and get accurate measurements even on patients who have intraocular lens implants.
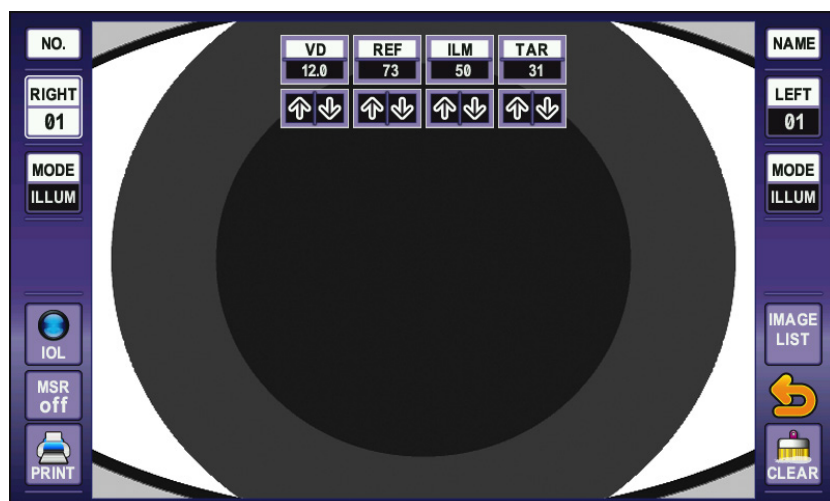
WIDE DIOPTRIC MEASUREMENT RANGE

Gather general exam data and acquire prescriptions for glasses and contact lenses with greater efficiency using the ERK-9000. The ERK-9000 covers an impressive measurement range of -25.00D to +22.00D. Plus, corneal diameter and base curve of contact lenses can be measured with this same instrument.
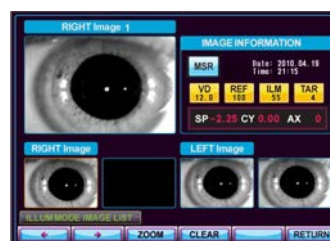
ILLUMINATION MODE

You can't detect what you can't see. But with the Enhanced Illumination Imaging capability in the ERK-9000, you can check for scratches and other corneal damage as well as check for lens abnormalities such as cataract.
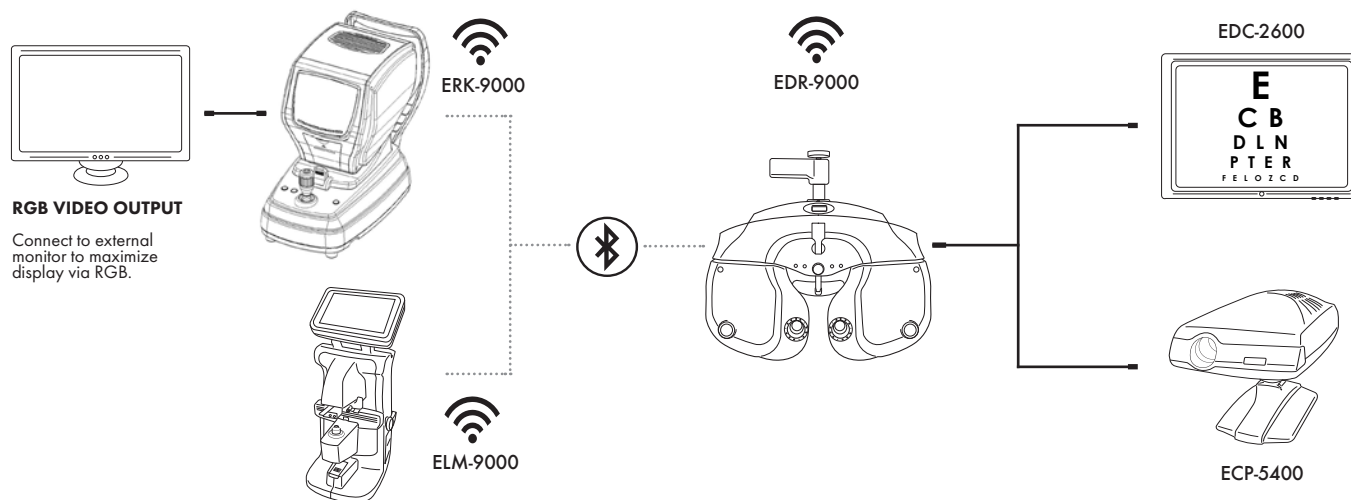

ILLUM MODE

- MRS Ref. measurements
- IOL mode
- ZOOM to enlarge
- RESET image position

IMAGE INFORMATION

- Right eye image
- Left eye image
- ZOOM to enlarge
- CLEAR to delete

EASY NETWORK CAPABITILIES

RGB VIDEO OUTPUT

Connect to external monitor to maximize display via RGB.

ERK-9000

ELM-9000

EDR-9000

EDC-2600

ECP-5400

BLUETOOTH®
CONNECTIVITY

Combine the ERK-9000 with an Ezer chart projector and digital refractor 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.

MOTORIZED CHIN REST

The ERK-9000 is comfortable for patients and convenient for operators. With the simple press of a button you can set the chin rest and measuring point. The ERK-9000 allows for 65mm of movement.

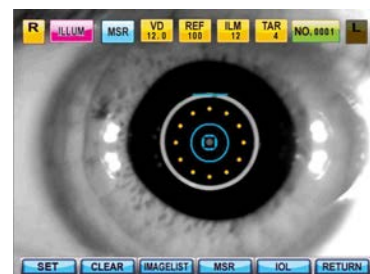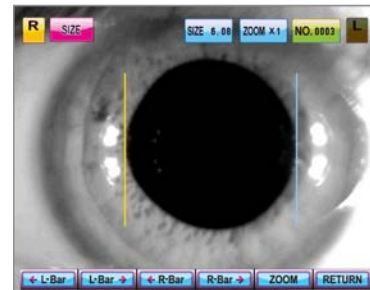## HIGH-SPEED PRINTER

AUTO PAPER CUT

ENHANCED EFFICIENCY

With the ERK-9000 you have the luxury of assigning the patient's name to the study, not just a number.

The high-speed printer provides immediate results. The findings are printed and then cut for your added convenience.

ACCURATE IRIS AND PUPIL MEASUREMENT

Measure the size of the cornea, iris and pupil with precision and ease. Users will enjoy navigating through the entire exam with ease using the unit's quality-crafted ergonomic joystick.

ERGONOMIC JOYSTICK

SIMPLE AND CONVENIENT USER ENVIRONMENT

The user-friendly dashboard view on the ERK-9000 displays sharp images with easy-to-understand icons. This 6.4-inch color TFT color touch screen LCD interface is simple and enjoyable to work with.

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2 YEAR WARRANTY

THE ERK-9000 IS A FAST AND EASY TESTING DEVICE THAT IS ENJOYABLE FOR YOUR STAFF AND YOUR PATIENTS. It's swift, simple and exact and allows you to gather a wealth of precise information about the patient. In addition to the wealth of functions you'd expect from a top-of-the-line autorefractor/keratometer, the ERK-9000 features auto-shoot programming, an illumination mode, IOL mode and so much more. Best of all, the ERK-9000 is backed by an industry-leading two-year warranty.

SPECIFICATIONS

Refractometry

Vertex distance (VD)	0.0, 10.0, 12.0, 13.5, 15.0 mm
Sphere (SPH)	-25.00 ~ +22.00 (VD: 12mm)
	Unit: 0.12 / 0.25D
Cylinder (CYL)	-0.00 ~ +/-10.00D
	Unit: 0.12 / 0.25D
Axis(AX)	0 ~ 180° (Unit: 1°)
Cylinder Form	-, +, Mix
Pupil Distance (PD)	10 ~ 85mm
Minimum Pupil Diameter	Ø2.0mm

Keratometry

Radius of Curvature	5 ~ 10.2mm (Unit: 0.01mm)
Corneal Power	33.00 ~ 67.50D
	(Unit: 0.12 / 0.25D)
Corneal Astigmatism	0.00 ~ - 15.00D
	(Unit: 0.12 / 0.25D)
Axis (AX)	1~180° Unit: 1°

Corneal Diameter

Corneal Diameter	2.0 ~ 12.0mm Unit: 0.1mm
Video Output	RGB

Others

Storage Memory	10 measurement for each eye
Internal Printer	Thermal Line Printer
Display	6.4-inch TFT LCD colored monitor
Chinrest Max.	65mm, electrical movement
Operation Enviroment	Temperature: +10º ~+40º
	Humidity: 30% ~ 90% RH
	Atmospheric pressure range: 70 kPa ~106 kPa
	Shock (without packaging): 10g /6ms
Storage Enviroment	Temperature : -40º ~ +70º,
	Humidity: 10% ~ 95% RH
	Atmospheric pressure range: 50 kPa ~106 kPa
	Shock: 30g/6ms,
	Permanent shock: 10g/6ms
	Oscillate(sine curve): 10Hz ~ 500Hz, 0.5g
Power Supply	AC100 ~ 240V, 50/60Hz
Power Consumption	90VA
Dimension / Weight	275(W) X 525(D) X 440(H) mm/18 Kg

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Distributor: