CRK-7000

Auto Ref / Keratometer

Specification

Measurement Mode

K/R Mode	Continous Keratometry & Refractometry
REF Mode	Refractometry
KER Mode	Keratometry
CLBC Mode	Contact Lens Base Curve Measurement

Refractometry

VD	0.0, 12.0, 13.5, 15.0mm
Sphere(SPH)	-20.00~+20.00D (VD=12mm)
	(Increments : 0.12 / 0.25)
Cylinder(CYL)	0.00~±10.00D (Increments : 0.12 / 0.25)
Axis(AX)	0~180º (Increments : 1º)
Cylinder From	−,+, ±
Pupil Distance	10~85mm
Minimum Pupil Diameter	Ø2.0mm

Keratometry

Radius of Curvature	5~10.2mm
Corneal Power	33.00~67.50D
	(Increments : 0.05 / 0.12 / 0 / 25D)
	(n=1.3375)
Corneal Astigmatism	0.00~−15.00D
	(Increments : 0.05 / 0.12 / 0.25D)
Axis(AX)	0~180º (Increments : 1º)
Pupil, Iris Diameter	2.0~14.0mm (Increments : 0.1mm)
Memory Data	10 measurements for each data

Others

Internal Printer	Thermal Line Printer
Power Saving	Automatic Switch-Off (5min)
Display	5.7inch Color TFT LCD
Power Supply	AC100~240V, 50/60Hz
Dimension	275(W) X 510(D) X 450(H)mm / 20kg

Designs and details can be changed without prior notice for improvments.

CHAROPS

Auto Ref / Keratometer
CRK - 7000

EGMA OPTICAL SUPPLIES

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CRK-7000

Designed For More Reliable And Accurate Refraction

CHAROPS CRK-7000 desinged by HUVITZ in Korea helps you with more
precise measurement of refractive power and corneal curvature.
Its various fuctions make your practice more efficient and improve patient comfort.

Reliable Measurement Accuracy

Optimal Optical System

Huvitz's unique optic technology offers fast
and accurate reading and enhences the
reliability of the measurement results.

Keratomtery Measurment

The reliable keratometry of CRK-7000 using
2 mire ring and 2 LEDs provides corneal
curvature radius and corneal refractive power.
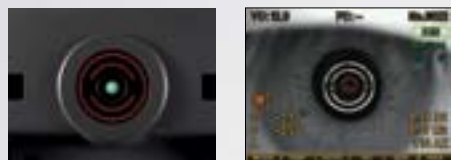
Auto Start

With auto start mode, the CRK-7000 maintain
fogging throughout multiple measurments
that makes ideal for use with children or other
patients who find ti difficult to fixate.

More Advanced Fuctions

Wider Measurment Range

CRK-7000 provides more diagnostic information and
superior performance with wide possible range of
refraction and keratometry measurements.
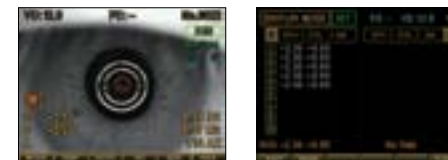
CLBC(Contact Lens Base Curvature)

Measuring the base curvature of contact lens is
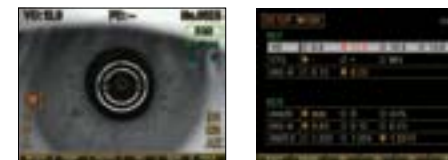useful in fitting contact lens patients.

PD(Pupilary Distance)

PD is automatically measured after checking both
eyes. It saves your valuable time.

VD(Vertex Distance)

VD selection fuction(0, 12. 13.5. 15mm) offers more
accurate measurement data.

Pupil and Iris Size Measurement

CRK-7000 can measure the size of pupil, cornea and
iris under 14mm in diameter by freezing the image.

More Convenient To Use

5.7 inch Color LCD

5.7 inch Color LCD displays clear images and
its image processing chip allows to the LCD
to show real time images.

Focusing Indicator

The focusing indicator appears on the screen
when the eye is the optimal position.

Convenient One-Touch Lock

With the convenient one-touch lock, the main
body can easily be fixed to the base.

High Speed Printer

The High speed printer print out the final
measurement results in 3 seconds.
The printing paper can be changed easily by
adopting the one-touch paper holder.

Automatic Power-Off

The system automatically shuts off by itself to
conserve energy and prevent overheating.

Realization of a Total Refraction System

CRK-3100 can be connected to refraction
systmes easily and simply.