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# VRK-1900

## Auto Ref-Keratometer

DSP Measuring Engine Provides Stabilized Measured Results and clear Pupil / Iris Images

Exclusive Distributor in Romania:

**3D Vision EuroGrup SRL**

22A/8 W.A. Mozart Street, Bucharest 020256

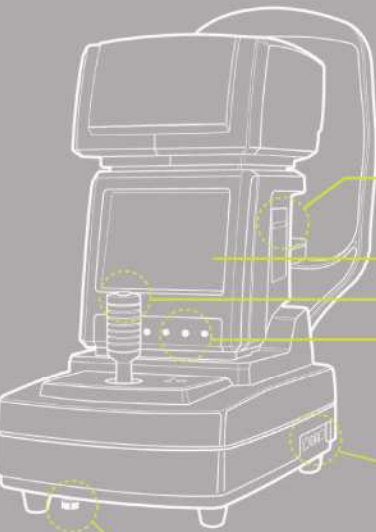
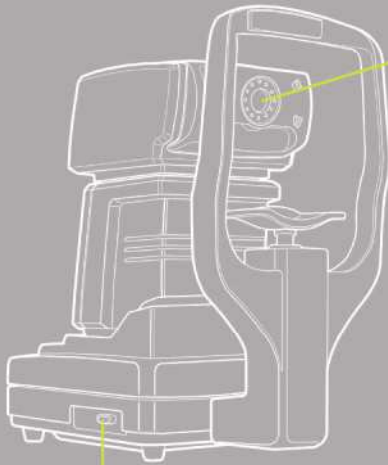
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Various Measurements Support  
Wide Measurement Range  
Auto - Starting Function  
Accurate Measurement

# VRK-1900 Auto Ref-Keratometer

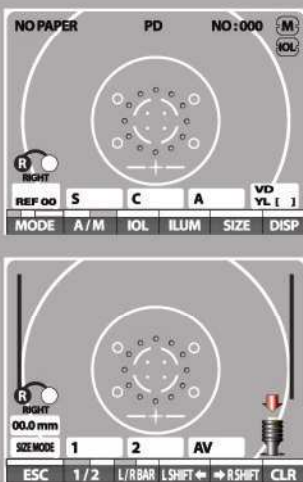
## Features



- Automatic Starting Function**
  - As soon as properly aligned to each eye, VRK-1900 starts measurement process and generates measured result automatically
- Accurate Measurement**
  - Fine alignment and focusing
  - Automatic fogging to relax accommodation
  - Making eye comfortable with foggy method of eye fixation target measured result automatically
- Various Measurement and convenient Use**
  - Dual and single measurement mode selection button for refractometry, keratometry and contact lens base curve (CLBC)
  - Switch button for automatic and manual measurement mode including pupil distance (PD) measurement for both near and far vision
  - Retro illumination mode button for the measurement of cornea, contact lens and crystalline lens
  - Size mode button for the measurement of cornea and pupil diameter
  - Measured result display button
  - Chinrest moving up and down button
  - Print-out button
  - Intraocular lens (IOL) mode button for the measurement of eye with cataract and IOL
- Compatible with automatic Phoropter through RS232 Communication**
- High-speed Measurement Result Printing**
- Wide Measurement Range**
  - Refractometry : -25D - +22D
  - Keratometry : R5mm - R10mm
- Large Size and high Resolution color LCD Monitor**
  - Find display of iris image and alignment marks
  - 6.4 inch, 0.3 mega pixel LCD panel
- Easy and convenient User Interface**
- Safety**
  - Fuse for excess electric power shock protection
  - Clamping bolt for base locking



## Specifications



- +— Correct Alignment
- +— Incorrect Alignment
- /— Lean Alignment to Arrow Direction

<b>Refractometer Mode</b>	Sphere	-25.00D ~ +22.00D
	Cylinder	0 ~ +/-10D
	Axis	1 ~ 180°
<b>Keratometer Mode</b>	Corneal Curvature	R5.0mm ~ R10mm
	Corneal Refraction	67.5D ~ 33.7D
	Corneal Astigmatism	0 ~ +/-10D
	Axis Angle	1 ~ 80°
<b>Other Measurement Mode</b>	Pupil Distance	0 ~ 85mm
	Pupil Diameter	0 ~ 12mm
	CLBC	R 5.0mm ~ R 10mm
	IOL	OK
	Retro Illumination	OK
<b>Others</b>	Measuring Start	Auto / Manual
	Display	TFT color LCD / 6.4 inch / 0.3 mega pixel
	Alignment	Color Display
	Printer	Built-in Printer
	Output	RS232C / USB(option port)
	Power Supply	AC110 ~ 240Vac 50 / 60Hz 100VA
	Dimension	242( W )X467( D )X465( H )
Weight	242( W )X467( D )X465( H )	

## Distributed by

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