



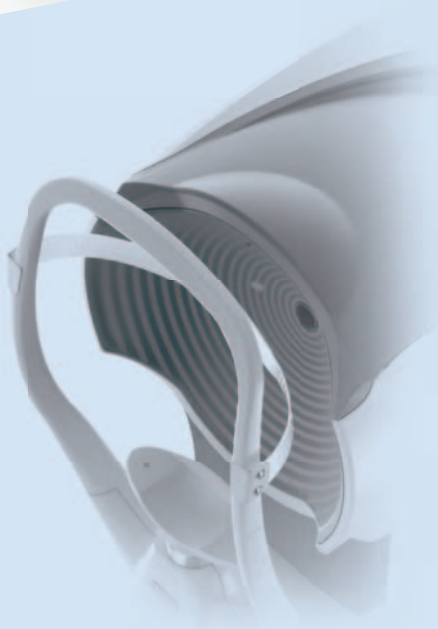
# Refractive Power / Corneal Analyzer OPD-Scan III *VS*



## Experience the Visual System

The OPD-Scan III VS is an aberrometer providing optimal and facilitated eyeglass prescription with detailed measurement data. The easy-to-understand reports displayed on a tablet allow simple explanation of examination results.

This unit opens a variety of business possibilities as a new communication tool.





### Basic Information Report

Basic information to generally judge patients' eye conditions.



### Simulation Report

Visual performance simulations and MTF graphs for a variety of conditions.

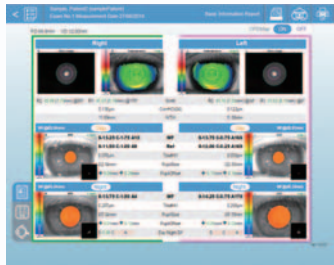


### Eye Diagram Image Report

Eye model to visually understand eye conditions ranging from eye fundus to cornea.

## Solutions for Face-to-face Consulting

Tablet viewer provides three kinds of easy-to-understand reports for explanation and consulting.



## Comprehensive Vision Analysis

OPD-Scan III VS is a device that mainly measures corneal shape (topographer) and refractive error (refractometer). It clarifies causes of vision difficulties through wavefront analysis of information measured over a wide area.

### Wavefront Aberrometer

Unprecedented assessment of visual acuity and quality of vision.

### Auto Refractometer

Exceptionally accurate refraction for various pupil diameters even under photopic and mesopic conditions.

### Topographer

Intuitive maps and numerical data of the corneal surface.

### Auto Keratometer

Conventional keratometry and novel corneal surface descriptors.

### Pupillometer

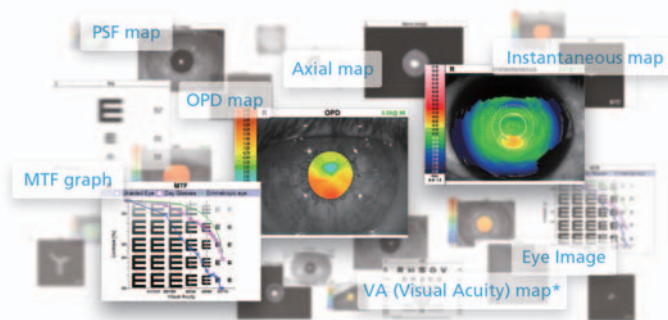
Measurement of photopic and mesopic pupil diameters.



## Superior Examination with NIDEK RT

By communicating with NIDEK RT, the high quality measurement and fast examination provide for an even more enhanced experience.

## Wide Range of Display Patterns



\*ETDRS / Snellen / Landolt charts are available.

## OPD-Scan III VS Specifications

Wavefront aberrometer Measurement principle	Automated objective refraction (dynamic skiascopy)
Measurement area Data point	ø2.0 to 9.5 mm (7 zone measurement) 2,520 points (7 x 360)
Topographer Measurement rings Measurement area Data point	33 vertical, 39 horizontal ø0.5 to 11.0 mm (R = 7.9 mm) 11,880 points and more
Auto refractometer Measurement range*	Sphere -20.00 to +22.00 D Cylinder 0 to ±12.00 D Axis 0 to 180°
Minimum measurable pupil diameter	ø2.6 mm
Auto keratometer Measurement range	Curvature radius 5.00 to 10.00 mm Refractive power 33.75 to 67.50 D (n = 1.3375) Astigmatism 0 to ±12.00 D Axis 0 to 180°
Measurement area	ø3.3 mm (R = 7.7 mm)
Pupillometer / Pupillographer Measurement diameter	1.0 to 10.0 mm
Power supply	AC 100 to 240 V 50 / 60 Hz
Power consumption	110 VA
Dimensions / Mass	284 (W) x 525 (D) x 533 (H) mm / 23 kg

\* The measurement range of Auto refractometer is the same as that of Wavefront aberrometer.

Product / Model name: Refractive Power / Corneal Analyzer OPD-Scan III  
Brochure and listed features of the device are intended for non-US practitioners.  
Specifications may vary depending on circumstances in each country.  
Specifications and design are subject to change without notice.  
The tablet described in this brochure is not included or sold with the OPD-Scan III VS.