Topcon Healthcare Refraction Solutions

Seeing Eye Health Differently



TOPCON REFRACTION FAMILY OF PRODUCTS

Topcon Healthcare sees eye health differently.

Our passion is to create automated and integrated eye care solutions that support your business. The Topcon refraction family of products includes everything you need to outfit your practice with smart, value-driven and efficient technologies for enhanced patient care. Keeping pace with the ever-changing landscape of the eye care industry, Topcon's smart refraction solutions help optimize quality, speed, and reach of care.





With more than 85 years of experience in manufacturing diagnostic equipment for the ophthalmic community, Topcon refraction solutions provide uncompromised quality and excellence.



the cost of ownership.



All Topcon autorefractors feature the exclusive Rotary Prism™ technology for reliable & repeatable results.



Topcon refraction solutions feature an ergonomic, smart design and simple, intuitive operation to allow delegation of the refraction for optimal efficiency.



With Topcon's automated and remotely controlled instruments, doctors can engage with patients, diagnose conditions, and recommend treatment through our connected ecosystems.

CONNECTIVITY

Complete connectivity allows for an integrated data transfer between pretest and refraction devices with an automated export into your EMR system.



High quality materials, Japanese precision craftsmanship and custom-made optics confer a long product life while minimizing

AUTOMATION AND REMOTE EYE CARE



CV-5000S

Digital Phoropter



Overview



One-dial controller provides ergonomic alternative to manual refraction

Integrated data transfer from pre-test instruments and export of all exam data to most EMR systems



Allows for up to 13 feet of safe operation distance



High-speed lens disc rotation to reduce overall refraction time and ocular stress



Color-coded simultaneous cross cylinder for more accurate exams



Customizable refraction programs and onscreen technician scripts



Built-in patient education software to enhance patient experience



Compact design and small optical head enhances patient comfort and requires minimal space

Integration of M&S Technologies software and visual acuity charts available

REFRACTION

Chronos

All-In-One^{*}

Refraction System with SightPilot[®] Guided **Refraction Algorithm**

Overview



Binocular autorefraction, keratometry and subjective binocular refraction in a single device that takes up less than 4 feet (1.2 meters) of space



Binocular testing streamlines the refraction process



SightPilot[®] software guides operators through the refraction process with a simple user interface and on-screen prompts



Perform more refractions without adding exam lanes or trained technicians



Multi-function capabilities allow patients to complete the exam without moving to multiple instruments



PRE-TEST AND REFRACTION

MYAH* **Optical Biometry + Corneal Topographer**

Overview

- Axial length measurements with exclusive on-board axial length dataset collected by Erasmus University, Rotterdam, NL
- -~
 - Axial length, refractive error and corneal power trend reports

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- Corneal topography with visit-to-visit comparison and white-to-white measurements
- Meibomian gland imaging, non-invasive tear break-up time, tear meniscus height measurements, fluorescein imaging and video capture
- Dynamic pupillometry assesses size and light reflexes of the pupil
- Contact lens fitting tools including database of conventional RGP, Ortho-K lenses and fluorescein simulation
- Simulate the effects of higher order aberrations on visual quality

Aladdin HW3.0

Optical Biometer and Corneal Topographer with IOL Power Calculation Suite



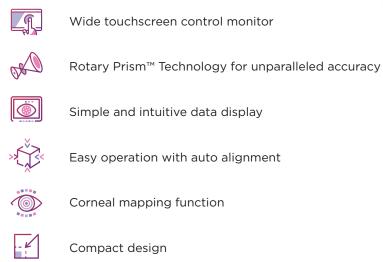
PRE-TEST AND REFRACTION

KR-800PA

Auto Kerato-Refractometer with Corneal Mapping and Auto Alignment

Overview

MYAH





KR-800

Simple to Use,

Auto Kerato-

Refractometer



KR-1

Monitor



TRK-2P*

Auto-Refractometer Refraction, with 360° Rotatable

Keratometry, Tonometry and Pachymetry





CL-300

Smart Lensmeter, Small Footprint & Ergonomic Design

PRE-TEST AND REFRACTION

CA-800 **Corneal Analyzer**

The CA-800 Corneal Analyzer is an easy-to-use, comprehensive corneal topography solution allowing for the complete evaluation of the anterior surface and eyelids. Features include meibomian gland imaging, tear meniscus analysis, fluorescein imaging, contact lens fitting software, pupillometry, white-towhite measurements and Zernike analysis.

KR-1W Wavefront Analyzer

The KR-1W combines aberrometry, topography, keratometry, pupillometry and autorefraction in one unit.



SOFTWARE SOLUTIONS

Topcon Harmony® Clinical Data Management

Topcon Harmony streamlines your practice workflow and organizes all your clinical data within a single screen. Our redesigned and intuitive design allows you to easily customize clinical views by disease entity, so you see only the information needed to make a diagnosis or treatment decision. Discover the next generation in data management and start displaying your clinical data in meaningful ways with Topcon Harmony.

Topcon RDx[™] 📼

One central hub. Complete remote eye care.

Topcon RDx is a comprehensive eye health exam platform that incorporates automated and remote capabilities for your diagnostic instruments. Integrated with the CV-5000S automated phoropter, RDx enables eye care professionals to perform quality eye exams for their patients remotely and safely, in real-time.









COMPARISON CHART



Feature	KR-800	KR-800S	KR-800PA	KR-1	TRK-2P	KR-1W	CA-800	Alac
Rotary Prism Autorefraction	•	•	•	٠	•	•		
Keratometry	•	•	•	•	•	•	•	
Corneal Mapping			٠					
Corneal Topography						•	٠	
Auto Measure	٠	٠	٠	٠	•	٠	٠	
Auto R/L				٠	•	٠		
Full Auto Align and Measurement				٠	•	٠		
Control Lever	٠	٠	٠		• *	•	٠	
360° Rotating Touch Panel				٠	•			
Non-contact Tonometry					•			
Pachymetry					•			
Wavefront						•		
Optical Biometry								
Axial Length Measurement								
Corneal Aberrometry						٠	٠	
Ocular Aberrometry						•		
Pupillometry						٠	٠	
Meibography							٠	
Tear Film Assessment						٠	٠	
Subjective Testing		٠						
Far & Near VA		٠						
Glare VA		•						
Contrast VA		٠						
Viewer Software Available			٠			•	•	
EMR Connectivity	٠	٠	٠	٠	٠	٠	٠	
DICOM			٠				•	

