

TOPCON CANADA, INC.

# Integrated Eye Care Solutions

Digitally Connected Diagnostics  
and Clinical Workflows

2026

 **TOPCON** Healthcare

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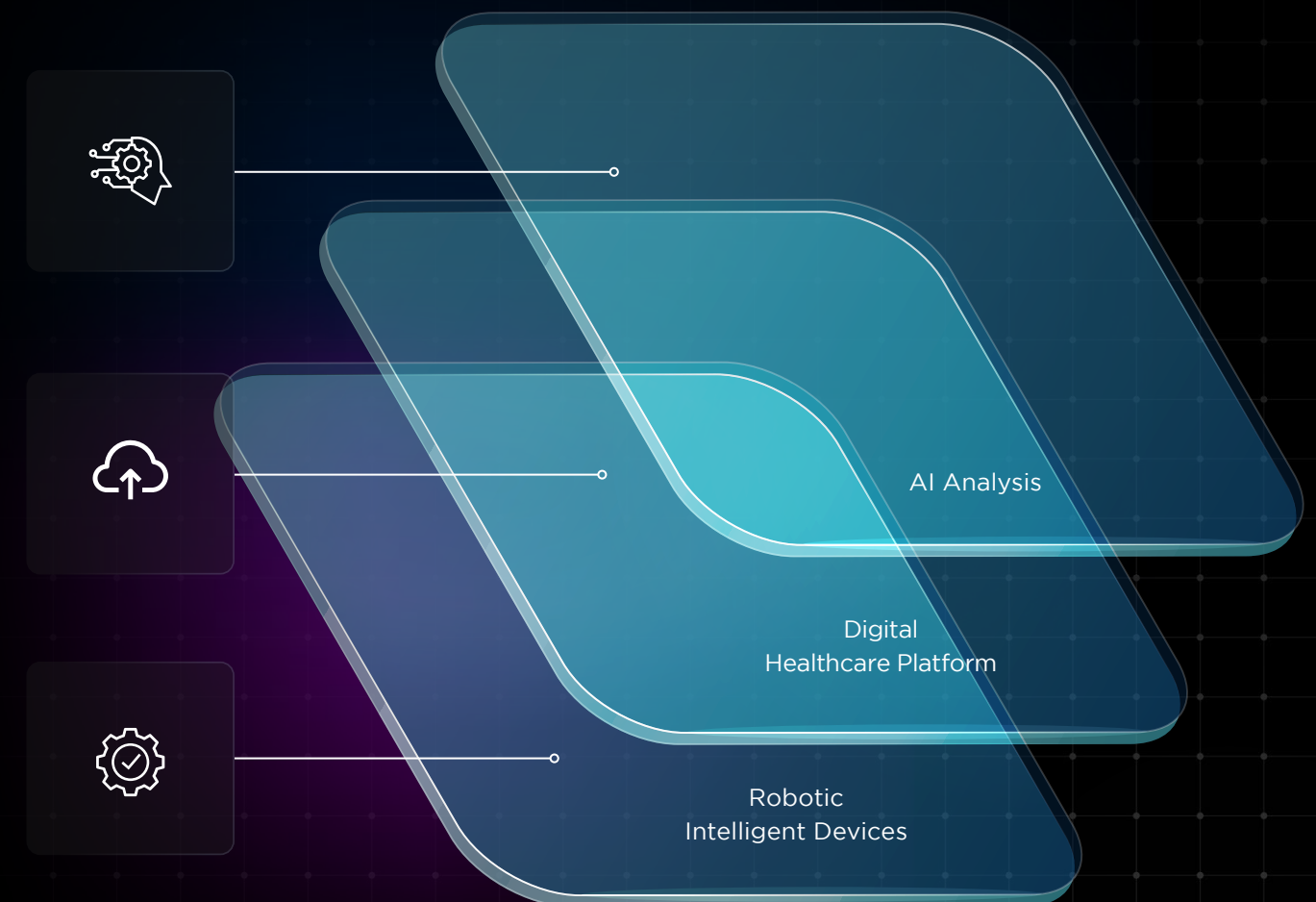
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DISCOVER

# Healthcare from the Eye<sup>®</sup>

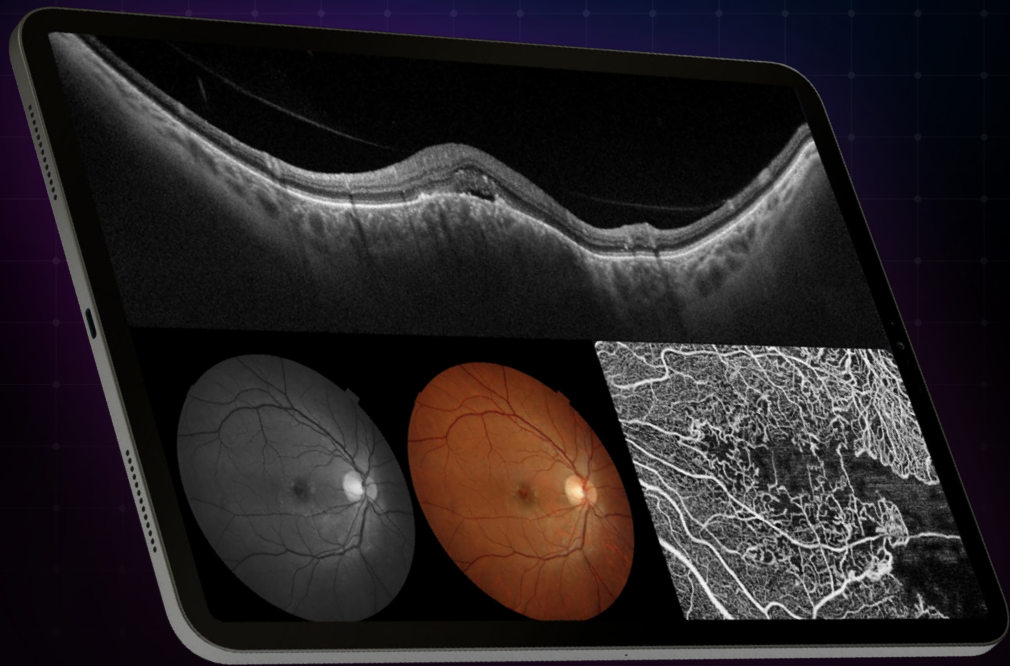
**Healthcare from the Eye** connects intelligent diagnostic devices, cloud-based data infrastructure, and AI-enabled analysis. This connected ecosystem helps practices work faster, see more clearly across visits and sites, and turns routine eye exams into actionable clinical insights.



01

# Retina

From true-color fundus photography to multimodal swept-source OCT, Topcon Healthcare’s retina portfolio helps practices capture, review, and compare imaging efficiently across disease severity, media opacity, and follow-up visits.



### WHY THIS MATTERS

Earlier detection, clearer visualization, and consistent longitudinal imaging help clinicians identify retinal disease sooner, monitor progression with confidence, and support better long-term visual outcomes for patients.



**MAESTRO 2**  
OCTA & Robotic Retinal Camera

-  12x9mm 3D wide ONEscan™ covers both macula and optic nerve head for comprehensive posterior pole assessment
-  Optional Maestro2 Advanced Imaging Package delivers advanced retina assessment, reports, enhanced comparison tools, and repeatable scan analyses for efficient change detection
-  Optional OCTA capabilities provide non-invasive visualization of microvasculature to support earlier detection and management of retinal disease



**TRITON 2™**  
Multimodal Swept-Source OCT Retinal Camera

-  Deep, high-speed swept-source OCT imaging for confident retinal assessment
-  Next generation multimodal OCT improved with Slit-Scan Fundus Imaging, 21mm OCT and OCTA, and Smart Denoise
-  Smart Denoise enhances OCT and OCTA visualization for greater diagnostic confidence\*



**NW500**  
Robotic Non-Mydriatic Retinal Camera

-  Sharp, true-color fundus imaging through 2mm pupils including stereo and peripheral capabilities
-  Bilateral 2-field fundus imaging captures four high quality images in less than 1 minute in a well-illuminated room without dilation¹
-  Slit-scan technology enables high-quality fundus imaging, even through media opacities such as dense cataracts



**TRC-50DX**  
Mydriatic Retinal Camera

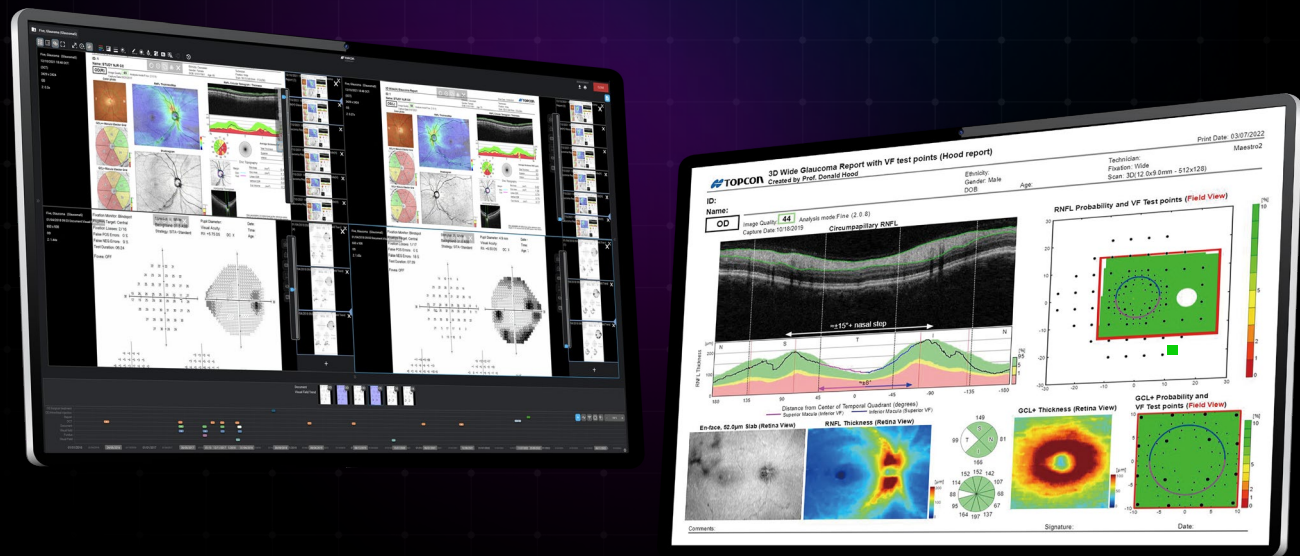
-  Complete Retinal Imaging, including Fundus Autofluorescence (FAF), True-color, and Red Free
-  IA model adds indocyanine green angiography (ICG) imaging
-  Platform is widely used in clinical trials and within leading academic and research environments

1. Armstrong S. et al., ARVO, May 2022

02

# Glaucoma

Glaucoma management depends on correlating structure and function over time. Topcon Healthcare’s connected glaucoma workflow brings pre-test data, OCT, and visual field assessment into a single review experience using Harmony to support faster, more confident clinical decision-making.



### WHY THIS MATTERS



Glaucoma can cause irreversible vision loss, making early detection, progression monitoring, and integrated structure-function analysis critical to preserving long-term visual function.



### TRK-3 OMNIA

4-in-1 Pre-testing with Tonometry and Pachymetry

- Combines tonometry, pachymetry, keratometry, and auto-refraction to support efficient glaucoma evaluation during pre-testing
- IOP and corneal thickness are measured without moving the patient between devices, minimizing disruption during pre-testing
- Uses a brighter light source that improves the success rate of measurements even in challenging conditions caused by media opacities



### INSPIRE<sup>®</sup> by RadiusXR<sup>™</sup>

Lightweight Visual Function Testing Headset

- Comfortable and one of the lightest wearable testing devices in the market at 6.4 oz
- Demonstrates high concordance with Standard Automated Perimetry (SAP) in glaucoma staging<sup>2</sup>
- Clinically validated, showing a strong MD correlation of 0.94 compared to SAP<sup>2</sup>



### MAESTRO2

RNFL, GCL, ONH Analysis & OCTA

- OCT and fundus imaging of the optic nerve and macula, 12x9mm 3D wide ONEscan<sup>™</sup> supports comprehensive glaucoma evaluation
- Detailed Trend Report enables confident comparison over time, supporting progression monitoring
- Hood Report for Glaucoma* offers RNFL and GCL probability maps from data obtained with ONEscan



### CT-1P

Non-contact Tonometry

- Fully automated, one-touch tonometry and pachymetry simplify technician workflows while delivering consistent, repeatable measurements
- Integrated corneal thickness and IOP compensation provide additional clinical context to support informed glaucoma evaluation and patient management
- Compact design with EMR connectivity streamlines data capture, reduces manual entry, and optimizes exam lane efficiency

1. Nishida, et al., J Glaucoma, 2023  
2. Bradley, et al, Translational Vision Science Technology, 2024

03

# Cataract & Surgical

Topcon Healthcare’s cataract and surgical solutions provide surgeons with the comprehensive diagnostic data needed to optimize IOL selection and surgical planning. By connecting ocular surface evaluation, biometry, topography, visual function testing, endothelial assessment, and post-operative analysis into a seamless workflow, Topcon enables greater surgical confidence, improved efficiency and communication, and more predictable patient outcomes.



WHY THIS MATTERS

Precise diagnostics and connected pre- and post-operative workflows improve surgical planning and optimize IOL selection for predictable outcomes and improved patient satisfaction.



ALADDIN HW 3.0

Multimodal Optical Biometer and Corneal Topographer for Advanced IOL Planning

- Fast, guided capture of biometry, topography, and pupillometry measurements to support premium IOL candidate selection
- Comprehensive bank of IOL power calculation formulas including Barrett® and Olsen suites.
- Dedicated toric planning with clear axis alignment and residual astigmatism analysis for enhanced refractive precision



KR-800S

Auto Kerato-Refractometer

- Accurate keratometry, autorefraction, and standardized VA testing to support cataract evaluation and surgical planning
- Glare and contrast sensitivity testing to better understand and document visual complaints
- Allows comparing visual results with and without toric correction



TERA DRY EYE IMAGER™

Corneal Topographer & Dry Eye Diagnostic Suite with External Color Camera

- Preoperative detection of ocular surface instability to improve keratometry accuracy and support reliable IOL calculations
- Detailed ocular surface evaluation, including tear stability, meibomian gland function, tear volume, and inflammation
- Dry eye testing traditionally done on the slit lamp can now be delegated to technicians through robotic, one-touch alignment, focus and capture of select tests



SP-1P SPECULAR MICROSCOPE

Robotic Specular Microscope

- Fully automated endothelial imaging with integrated cell analysis software and comprehensive reporting
- Detailed metrics including cell density, hexagonality, coefficient of variation, and corneal thickness
- Intuitive, efficient operation enables reliable endothelial cell assessment to guide cataract and glaucoma implant decisions with confidence

04

Myopia Management

MYAH® enables precise baseline axial length measurement and longitudinal monitoring to support evidence-based myopia management. Integrating optical biometry, corneal topography, wavefront analysis, and meibography, MYAH provides a multifunctional platform for tracking myopia progression and assessing ocular surface health over time.



MYAH

Optical Biometry, Corneal Analysis, and Meibography

- Establish reliable baseline axial length measurements and monitor myopia progression with confidence
  - Enhance patient communication and engagement through clear, parent-friendly trend reports
  - Evaluate corneal irregularity and meibomian gland function
- High-contrast imaging of meibomian gland structure to identify and monitor signs of meibomian gland dysfunction and support dry eye assessment
  - Growth curves to track treatment effectiveness and enhance parent understanding and engagement



WHY THIS MATTERS

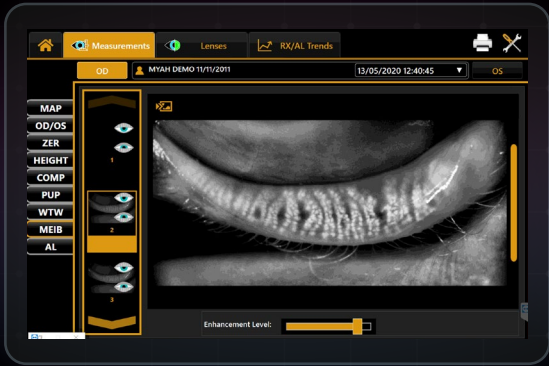
Use evidence-based analytical tools to manage patients with myopia and improve engagement with treatment options.



**AXIAL LENGTH MEASUREMENTS**  
Accurate, repeatable axial length measurements with longitudinal trend analysis to monitor myopia progression over time.



**CORNEAL TOPOGRAPHY**  
Detailed corneal curvature and elevation analysis with integrated white-to-white measurements and anterior wavefront assessment.



**MEIBOMIAN GLAND IMAGING**  
High-contrast imaging of meibomian gland structure to identify and monitor signs of meibomian gland dysfunction.



**DRY EYE ASSESSMENT TOOLS**  
Comprehensive dry eye assessment with non-invasive tear break-up time (NIBUT), meibomian gland imaging with area of loss analysis.

MYOPIA123.COM

Access essential knowledge, practical tools, and effective strategies to streamline myopia management and enhance practice success.

05

# Dry Eye & Anterior Segment

## TERA DRY EYE IMAGER™

Corneal Topographer & Dry Eye Diagnostic Suite

- ✓ Robotic automation designed for consistent capture and streamlined workflow
- ✓ Multimodal imaging for corneal analysis, pupillometry, and ocular surface evaluation, with integrated clinical grading scales and dry eye questionnaires
- ✓ Patient education tools to enhance understanding of dry eye drivers and increase treatment acceptance



### WHY THIS MATTERS

Objective, repeatable measurements help clinicians identify the drivers of dry eye, support consistent clinical evaluations, and improve patient compliance through visual evidence of disease.

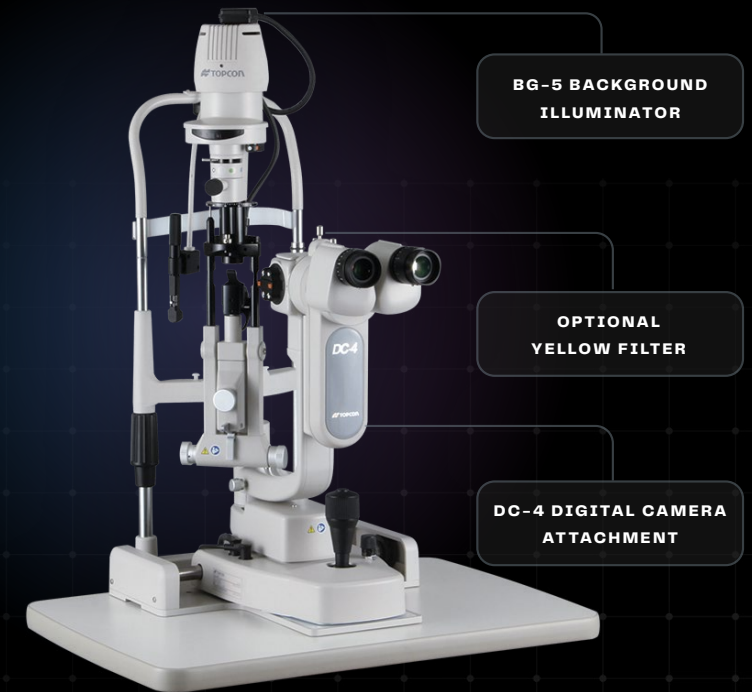
## SL-D701

Digital Slit Lamp

- ✓ High-quality Imaging with the DC-4 Digital Camera\*
- ✓ Meibomian Gland Imaging with the BG-5 Background Illuminator\*\*
- ✓ Enhanced Fluorescein Contrast with Optional Yellow Filter

\* DC-4 is an optional accessory compatible with Digital Ready Slit Lamps (SL-D2/D4/D301/D701)

\*\* BG-5 is an optional accessory compatible only with SL-D701

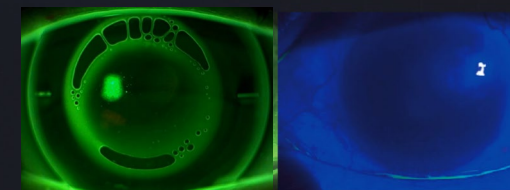


High-resolution imaging and video for accurate documentation and effective patient education



### ENHANCED FLUORESCEIN EVALUATION

Optional yellow filter highlights fluorescein for clearer evaluation of ocular surface staining and contact lens fit.



Yellow + Cobalt Blue Filter<sup>1</sup> Cobalt Blue Filter<sup>2</sup>

1 Image courtesy of Paymaun Asnaashari, OD, FAAO, FSLs, Arden Park Optometry

2 Image courtesy of Toru Noda, M.D, Department of Ophthalmology, Tokyo Medical Center



### MEIBOMIAN GLAND IMAGING

Infrared illumination enables detailed visualization and documentation of meibomian gland structure and health.



Meibomian gland imaging captured with SL-D701 slit lamp + DC-4 Digital Camera + BG-5 background illuminator.<sup>2</sup>

2. Image courtesy of Reiko Arita, MD, PhD, Itoh Clinic, Department of Ophthalmology, University of Tokyo School of Medicine.

06

Advanced Pre-testing



CT-800

Non-Contact Tonometer

- Non-contact (“air puff”) tonometry
- Automatic alignment and measurement
- Fast, comfortable IOP screening



KR-1

Autorefractometry & Keratometry

- Fast, fully automated kerato-refraction
- High-accuracy Rotary Prism technology
- 360° rotatable touchscreen control



KR-800PA

Auto Kerato-Refractometer & Corneal Mapping

- Accurate kerato-refraction with corneal mapping
- Precise measurements with color map visualization
- Captures refractive, keratometric, and corneal data in one measurement



WHY THIS MATTERS

Use of robotic multi-modal pre-testing to streamline data collection, minimize manual steps, and ensure accurate, repeatable measurements before the exam even begins.

CHRONOS

Automated Binocular Refraction System

- All-in-one platform integrating lensometry data, performing autorefractometry, visual acuity, and subjective refraction
- Technician-guided refraction powered by SightPilot
- Optional patient-guided refraction with SightPilot NAVI™



Lens Analyzers and Lensometers



SOLOS

Automatic Lens Analyzer

- Robotic, one-touch lens detection, measurement, and marking for single vision, bifocal, and progressive lenses
- Advanced lens mapping to visualize power distribution, distortion maps, and highlight premium lens performance
- Full range spectrometer with chromaticity assessment



CL-300

Compact Computerized Lensometer

- 5.7-inch color LCD touchscreen allows for fast and easy lens measurement
- Integrated green light beam accurately determines power of a wide range of lens designs
- UV transmission measurement function

07

# Total Exam Lane

Reimagine your exam lane experience with digitally connected instruments designed for today's fast-paced practice. From ergonomic chairs and intelligent instrument stands to precision imaging and digital refraction systems, Topcon Healthcare delivers an exam lane built for efficiency, comfort, and performance.



Design your eye care suite at [TopconHealthcare.com/suite-designer/](https://www.topconhealthcare.com/suite-designer/)



## WHY THIS MATTERS

Digital instrument stands, ergonomic design, and seamless data flow help increase productivity while enhancing the overall patient experience.

## CV-5000S & KB-50S

Digital Phoropter & Controller

The CV-5000S is an advanced digital phoropter designed to modernize the refraction process by increasing efficiency, accuracy, and workflow integration. Unlike manual phoropters, it automates refractions, reduces strain on providers, and elevates the perception of a contemporary exam lane.

- ✓ Supports digital connectivity with pre-test devices, charts, and EMR systems
- ✓ One-Touch Rx Comparison provides side-by-side prescription visualization
- ✓ Programmable exam sequences allow customized refraction workflows
- ✓ Ergonomic digital controls help reduce physical strain during refraction



## SL-D701

Digital Slit Lamp - Tower Model

- 5x Five-step magnification (6x, 10x, 16x, 25x, 40x) for detailed ocular evaluation
- High-quality optics and bright, long-lasting LED illumination for sharp, consistent viewing
- Digital imaging capabilities with optional DC-4 camera and BG-5 background illuminator for meibomian gland visualization



## SL-D4

Digital Slit Lamp - Compact Model

- 5x Five-step drum magnification options (6x, 10x, 16x, 25x, 40x)
- Precision optics paired with halogen illumination
- Compatible with the DC-4 digital camera attachment for streamlined anterior segment imaging



**SL-D301**  
Digital Slit Lamp - Tower Model

- ✓ Three magnification options (10x, 16x, 25x) with halogen illumination and DC-4 digital camera compatibility



**SL-D2**  
Digital Slit Lamp - Compact Model

- ✓ Three magnification options (10x, 16x, 25x) with halogen illumination and DC-4 digital camera compatibility



**SL-2G**  
Slit Lamp - Compact Model

- ✓ Three magnification options (10x, 16x, 25x) with long-life LED illumination and integrated cobalt blue and red-free filters

Versatile Exam Room



**VT-10**  
Manual Phoropter

- ✓ Durable manual phoropter designed for everyday clinical use
- ✓ Supports reliable manual refraction with familiar workflow operation
- ✓ Manual refraction controls designed for smooth, precise lens changes



**CC-100**  
Visual Acuity Chart

- ✓ Supports connected visual acuity testing with the CV-5000S digital refraction system
- ✓ Functions as both a stand-alone chart and integrated digital refraction display
- ✓ Supports digital chart control through the CV-5000S or included remote control

PREFERRED  
VENDOR PARTNERS



**EXAM 5000**  
Mini Lane



The EXAM 5000 Refraction System combines all of your exam lane instruments into a compact footprint. The EXAM 5000 includes the CV-5000S digital phoropter, autorefractor, lensometer, and visual acuity chart. Optional IDS-300 Dual Sliding Tabletop can accommodate one additional instrument – e.g. a slit lamp or an autorefractor.

- ✓ All-in-One Digital Refraction System
- ✓ Programmable exam sequences
- ✓ On-screen technician scripts
- ✓ Solution fits easily into your practice and improves workflow (6' x 7')

Ophthalmic Chairs



**OC-2200**  
Manual-Recline Chair



**OC-2300**  
Power-Recline Chair



**OC-2400**  
Power Elevation + Motorized tilt

- Grey
- Crocus
- Ox Blood
- Black
- Teal
- Wheat
- Plum
- Charcoal
- Hunter Green
- Colonial Blue
- Chocolate
- White

View and customize upholstery color options at [topconhealthcare.com](https://topconhealthcare.com)

Ophthalmic Stands



**IS-6500**  
Instrument Stand

The IS-6500 Instrument Stand combines state-of-the-art technology with a contemporary design to enhance the examination experience of the patient and the practitioner.

- ✓ Digital touchscreen
- ✓ Compact base (21" x 21")
- ✓ Charging wells for handheld instruments
- ✓ Advanced lighting controls
- ✓ Wireless chair connection available\*

\*Topcon chairs only

Stools



**OS-100**



**OS-200**



**OS-300**



**OS-400**

Tables



**AIT-250W**  
Accommodate up to two (2) instruments and features motorized height adjustment



**AIT-350W**  
Accommodate up to three (3) instruments and features motorized height adjustment



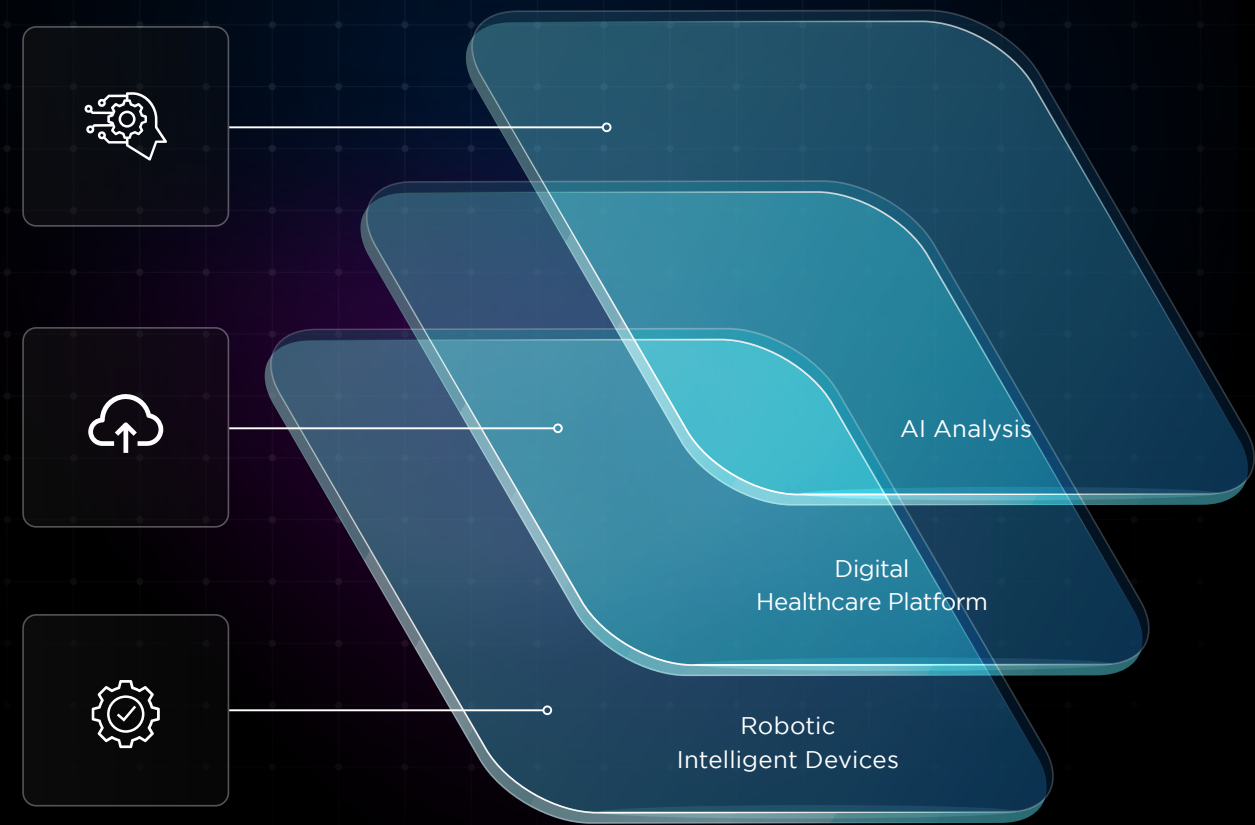
**AIT-650W**  
Combines reliability, ergonomics, mobility and ease-of-use



**AIT-16A**  
Can support a maximum load of 50 kg (110 lb)

08

# Connected Care



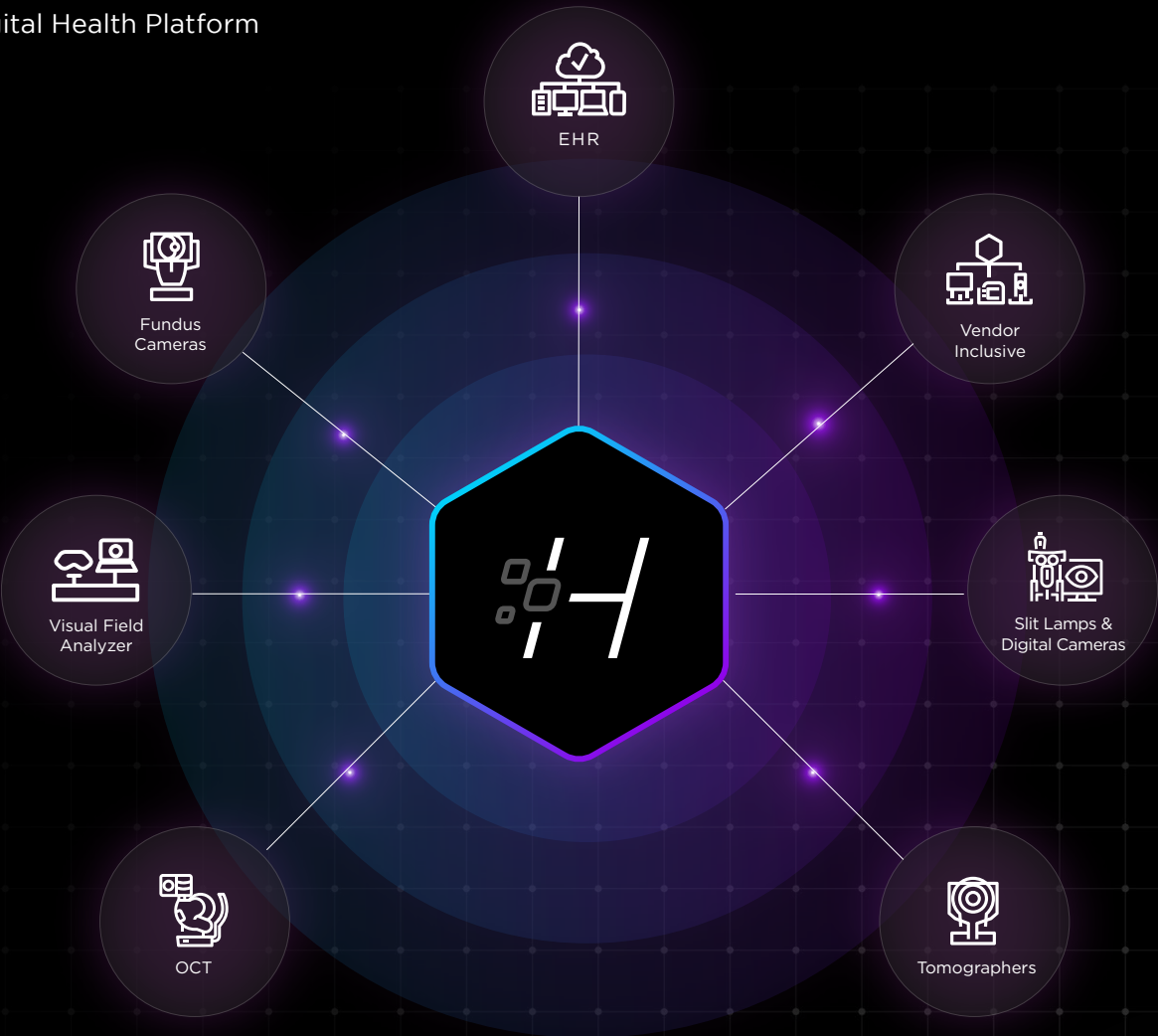
### WHY THIS MATTERS



Unified imaging, data, and AI-driven insights in a single platform allows practices to collaborate more effectively and turn data into actionable intelligence across the patient journey.

## HARMONY<sup>®</sup>

Digital Health Platform



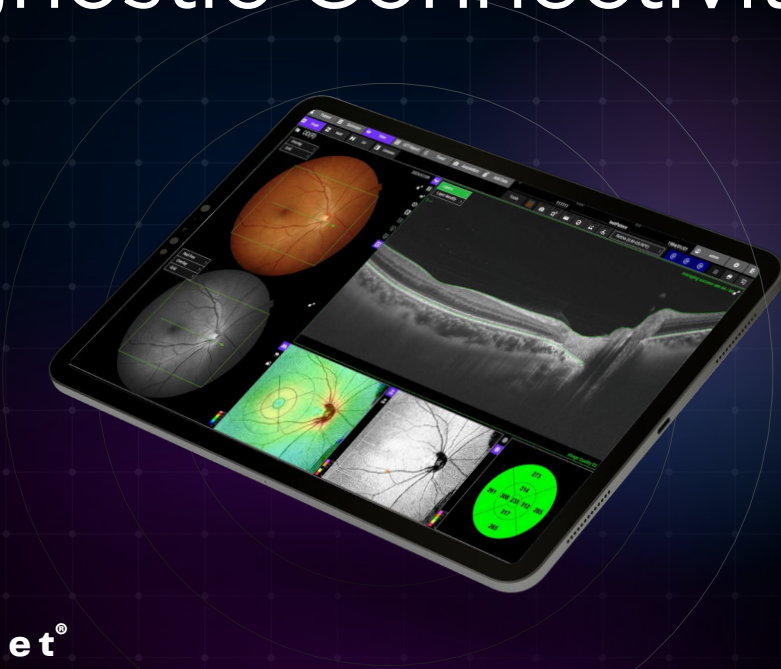
**Harmony** is a vendor-inclusive, scalable, and secure cloud-based digital health platform designed to unify imaging, data, and clinical decision support.

It also streamlines, analyzes, and securely shares multimodal eye care data, including remote refraction and advanced AI-enabled insights, to make smarter, faster, more collaborative decisions throughout the patient journey.

- Vendor-inclusive interoperability
- Reliable performance
- Security & simplified compliance
- Future-ready by design
- Faster workflows with less friction
- Designed for collaborative care

09

# Diagnostic Connectivity



## IMAGEnet®

Image Management with PixelSmart®

IMAGEnet® software is designed to acquire, display, enhance, analyze, and store images captured from a wide range of Topcon Healthcare imaging devices, including OCT systems, mydriatic and non-mydriatic retinal cameras, and slit lamp imaging systems. IMAGEnet provides comprehensive image management capabilities that support image acquisition, enhancement, measurement, comparison, and efficient clinical review.

-  Integrated Imaging Platform
-  Full DICOM Compliance
-  Streamlined Workflow
-  Enhanced Data Organization
-  PixelSmart enhanced image review



### WHY THIS MATTERS

Connected imaging and remote exam technologies help practices improve efficiency, expand patient access, and deliver high-quality care regardless of location.

## RDx®

Remote Comprehensive Eye Exam Platform



**Perform refraction from anywhere with RDx.** For professionals who are looking to grow their practice beyond their physical location and deliver quality eye exams from virtually anywhere. Topcon Healthcare RDx is an innovative ocular telehealth platform that allows you to connect to your office remotely and conduct comprehensive eye exams, without sacrificing the quality care you provide.

10

# Service, Support, & Education



Our dedicated team of nationwide professionals provides responsive phone support, in-house repair, field service, and comprehensive training.

LINKS

- **TOPCON HEALTHCARE UNIVERSITY**  
Visit THU Courses  
[learning.topcon.com](http://learning.topcon.com)
- **CUSTOMER CARE PORTAL**  
Visit Customer Care Portal  
[topconhealthcare.com/support](http://topconhealthcare.com/support)
- **SAFEGUARD SERVICE CONTRACT**  
Visit Safeguard Service  
[topconhealthcare.ca/en/safeguard](http://topconhealthcare.ca/en/safeguard)



WHY THIS MATTERS

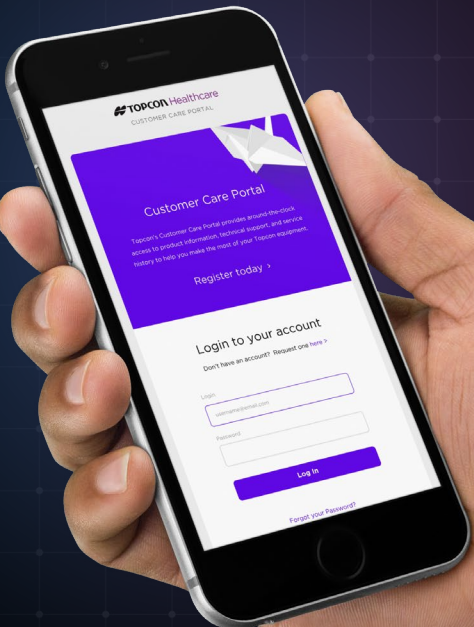
Comprehensive support services help maximize uptime, workflow continuity, and long-term equipment value.

## Customer Care Portal

Get instant access to your product information, technical support, and service history to help you make the most of your Topcon equipment.

- ✓ On-site field service
- ✓ On-site installation and training
- ✓ Factory-trained technicians
- ✓ Asset management
- ✓ Preventative maintenance
- ✓ Instrument loaners
- ✓ Equipment relocation and storage
- ✓ IT services and EMR integration

Register your account today at [support.topconhealthcare.com](http://support.topconhealthcare.com)



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