2026

PRODUCT BROCHURE

TOPCON Healthcare

www.topconhealthcare.eu

REFRACTION

CL-300 / CL-300PDL

The CL-300 is a computerised lens meter with a touchscreen panel and UV meter.

The CL-300 automatically detects and measures all types of lenses, including progressive lenses and contact lenses.

The UV measurement function provides information on the ultraviolet transmittance in the range of 0% to 100%, providing reliable measurement results for eyeglasses and sunglasses.

Main characteristics

- Maincharacteristics
- LCD colour touch panel
- Compact slim body
- Automatic mono and multi-focal detection
- UV transmittance measurement
- Green measurement light beam
- PD Mesurment (PDL model only)

SOLOS

SOLOS is a fully automated lensmeter with a full range spectrometer that detects, measures and marks single vision, progressive and other multifocal lenses glazed in a spectacle frame or as uncut lenses.

With a single touch, SOLOS automatically positions each lens, detects the lens type, and performs comprehensive measurements of both lenses within a spectacle frame. Measurement results can be sent to the built-in printer and can be exported to an EMR, Topcon's CV-5000S digital phoropter or Chronos binocular refraction system.

Main characteristics

- Automated, One-Touch Operation
- Lens Mapping
- UV-A, Blue Light and Visible Light Transmittance Measurements
- Automatic Marking
- Automatic Lens Type Detection
- Wireless Data Transfer
- Extended Measurement Range (Up to +/- 20D)

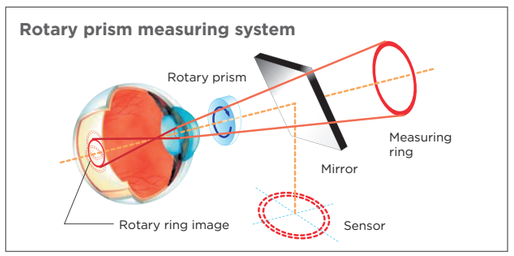
SOLOS Lite

Advanced lens analysis with exact UVA transmittance at a single wavelength. Experience the trusted reliability of SOLOS with our entry-level model.

KR-800 / KR-800A
KR-800S / KR-800PA

The KR-800 auto kerato- and refractometer incorporates the very latest in design, technology and ergonomics. The unit features a bright 8.5 inch colour touchscreen panel to control the main functions. Topcon systems have been renowned for their accuracy due to the proven Rotary Prism Technology™.

The compact footprint and design of the KR-800 will save space and add functionality to the contemporary eye care practice.



Main characteristics

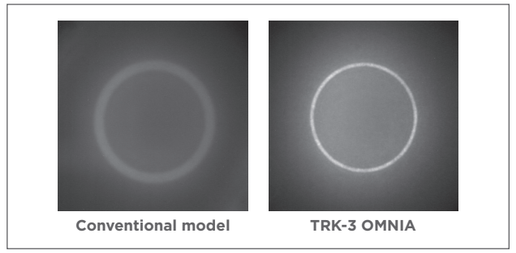
- Topcon's Rotary Prism Technology™ for unparalleled accuracy
- User friendly
- Compact and modern design
- 8.5 inch LCD touchscreen panel
- Connectable LAN

TRK-3 OMNIA

The TRK-3 OMNIA is a multifunctional 4-in-1 device that combines refractometer, keratometer, tonometer and pachymeter into one instrument. The capability to capture all measurements in a single test is a bonus for your staff and patients and eliminates the need for patients to move between multiple devices.

Main characteristics

- Easy to use
- Patient friendly
- Connectivity options
- Fully automated
- Space saving



The TRK-3 OMNIA uses a new measurement light source for the refractometer, providing consistent capture success than the conventional model. Clear refraction light can now be obtained even when there is turbidity in the intermediate transmitting body, improving the success rate of measurements.*

* Confirmed with model eyes

CV-5000

Topcon's CV-5000 automatic phoropter sets quality standards. Fast lens rotation provides comfort for user and patient. The compact and contemporary design enhances the professional image of the practitioner. Due to the compact design the refractionist can monitor the patient's expression during refraction.

To perform the near tests, the near chart illumination is incorporated into the CV-5000.

The CV-5000 automated phoropter can be controlled by a tablet, by the Topcon KB-50S controller or by PC software operation.

Main characteristics

- Compact design
- Fast lens rotation
- Versatile operation
- Near chart LED illumination

CC-100/ CC-100XP

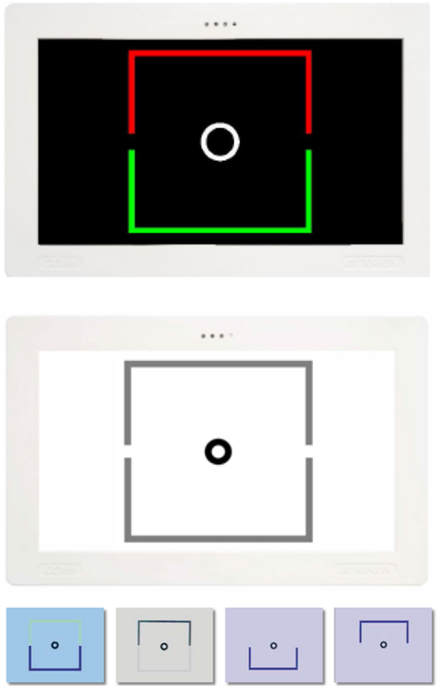
The Topcon LCD chart system contains all important visual acuity, binocular, colour vision and contrast sensitivity tests.

The CC-100 is a 21.5 inch LCD screen with high resolution, high contrast and high brightness. CC-100 can be operated by the Topcon CV-5000 automated phoropter, by a remote controller, or by a wireless CV-5000 Tablet| solution.

The CC-100XP utilises advanced circular polarisation technology to achieve superior image separation for binocular testing. Circular polarisation ensures consistent and complete separation of images for the left and right eye, minimises ghosting.

Main characteristics

- 21.5 inch LCD screen
- Wide range of optotypes
- Virtually unlimited test charts
- Spatial Frequency contrast sensitivity test
- White Maddox LED light source
- MKH test sequence according to Haase
- USB, ethernet and RS-232 connections
- CV-5000 Tablet ready



It is time to reinvent refraction.

CHRONOS

Chronos offers binocular autorefraction, keratometry measurements and visual acuity with subjective testing. Chronos is a single space-saving instrument that optimises your workflow.

- **DELEGATE**
  SightPilot™ is a guided refraction system that simplifies the exam and facilitates delegation
- **GROW**
  Chronos offers the versatility critical for growing your practice
- **SAVE SPACE**
  Chronos combines binocular autorefraction and keratometry measurements with binocular subjective testing and visual acuity in a single instrument that occupies minimum space. Chronos reduces the number of conventional refraction lanes and additional refractometers needed
- **SAVE TIME**
  Chronos saves time by optomising workflow, eliminating the time taken to clean and move between devices

Introducing SightPilot NAVi
Patient-guided refraction with voice prompts and a simple controller. Balancing innovation with tradition for an enhanced workflow.

FURNITURE

IS-100

Topcon IS-100 has a modern design and allows two instruments on a swivel type tabletop. Its simplicity and basic functionality for an affordable price level makes the IS-100 Instrument Stand the perfect solution for the optician and optometry market. The innovative IS-100 is available in a right and left setup.

The tabletop surface is scratch resistant, fingerprint proof and easy to clean. The elevation movement of the chair provides a long stroke for easy access and is very smooth and silent.

Main characteristics

- Small footprint
- Capacitive control panel
- Large chair elevation stroke with smooth and silent movement
- Scratch resistant and easy to clean tabletop

IS-600 III

The Topcon IS-600 III has been developed as a refraction unit without compromise. The IS-600 III is a comfortable and stable workstation to accommodate two instruments and can be adapted to fit various kinds of examination rooms.

Main characteristics

- Small footprint
- Powered elevation of tabletop
- Adjustable positioning of tabletop with electro-brake (optional)
- Various options such as LED reading light
- Dimming of room light
- Integrated cable management system
- Wheelchair accessibility

IC-1 / IC-1S

The IC-1 is an innovative concept and an efficient solution for presenting instruments in your consulting room. This IC-1 instrument column is wall mounted, resulting in a very small footprint, saving you valuable floorspac e and making it easy access for cleaning the floor . The IC-1 is available in two colours and can be set-up for one or even two instruments. The adjustable elevation of the table top allows for seated or standing operation of your instruments.

Main characteristics

- Modern design
- Table top for one and two instruments available
- Space saving
- Simply and easy operation of the table top
- Easy wheelchair accessibility
- Large stroke of table top
- Standing and sitting position usability
- Workstation with monitor and keyboard support

IS-1

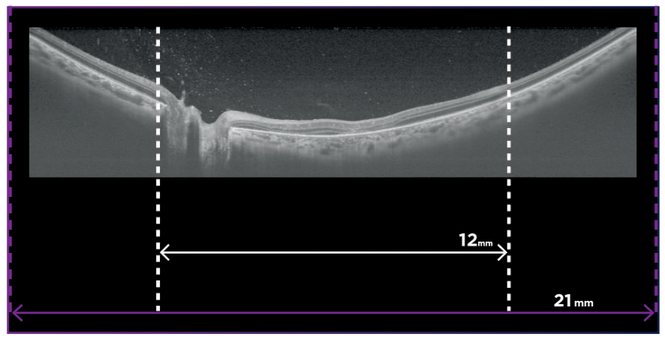
The IS-1 offers you a wide range of options to create a unit that fulfils all your needs for refraction, slit lamps and other instruments. The rotatable sliding tabletop accommodates up to two instruments and is available with elevation as standard, to make both the practitioner and patient more comfortable. The touch screen control panel allows the user to control all movements of the chair and tabletop, dim the room lights and operate the near vision LED light. The IS-1 is available in both right and left versions, as well as a wheelchair-accessible version.

Main characteristics

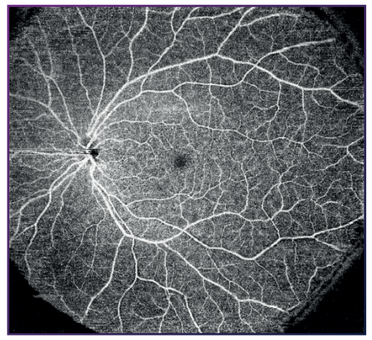
- 2-instrument rotatable sliding tabletop
- Standard tabletop elevation
- Touch screen control panel
- Integrated cable management system
- Small footprint
- Right & left version available
- Right & left wheelchair access version available
- Various optional accessories such as LED reading light & curtain control
- Several colour combinations
- PC desk option
- Electro-brake for locking the tabletop (optional)
- Halogen uplight dimmable room illumination

DRI OCT TRITON™ / DRI OCT TRITON PLUS

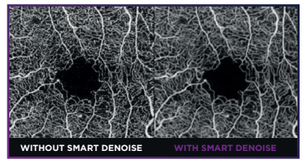
Triton's **Swept Source OCT with its 100 kHz** scanning speed and 1,050 nm wavelength results in clear and detailed images even for the deepest layers of the eye with short acquisition time.



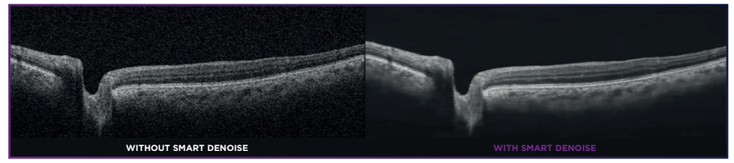
21mm Line Scan



21x21mm OCT-A

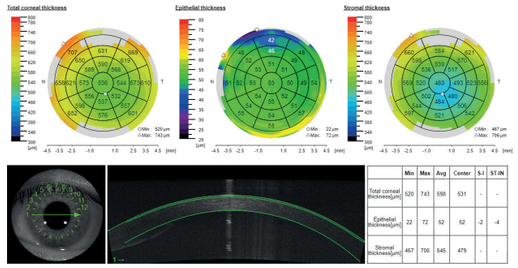


Smart Denoise on OCT-A



Smart Denoise on 3D Wide Scan

With features such as **True Colour Fundus Photography**, OCT Angiography[2], Wide-Field OCT and OCT-A[2] and En-Face OCT, Triton delivers multimodal imaging capability to help assess and preserve patient's eye health.



	Min	Max	Avg.	Center	S-I	ST-IN
Total corneal thickness(μm)	520	743	598	531	-	-
Epithelial thickness(μm)	22	72	52	52	-2	-4
Stromal thickness(μm)	467	706	545	479	-	-

Corneal Thickness Report – 9mm Radial Scan

Main characteristics

- Swept Source OCT - 100K A-scans/sec
- 1.050 nm wavelength
- Up to 21 mm OCT and OCT-A[2, 4]
- Multimodal fundus imaging: Fundus photography[1], OCT-A[2], FA[3], FAF[3], Wide Field OCT and OCT-A[2, 4]
- Anterior Segment Metrics (Corneal thickness maps, Anterior chamber angle analysis)[2, 4]
- Smart Denoise[2] which reduces artifacts and increases contrast

TRITON2

The new DRI OCT Triton2 from Topcon Healthcare combines advanced Swept Source OCT technology with a true colour fundus camera. The new innovative slit-scan illumination and rolling shutter mechanism in the Triton2 produces excellent quality colour fundus images with less flare and shadow.1 Triton2 is powered by the new IMAGEnet®7.

Main characteristics

- Swept-Source OCT providing high density scans and deep penetration
- Slit-scan technology to capture fundus images through small pupils (ϕ2.0mm or larger*)
- Wide-field OCT and OCTA, up to 21mm**
- Smart Denoise** provides higher signal-to-noise ratio on 3D OCT and OCTA**
- Flexible positioning for easier acquisition
- Powered by IMAGEnet®7

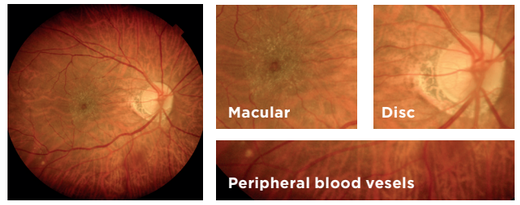
POWERED BY IMAGEnet.

Wide Field OCT Image Courtesy: Dr. Yoshinori Mitamura, MD, PhD, Tokushima University, Japan
Smart Denoise Images Courtesy: Prof. Christopher Leung, The University of Hong Kong

1 True colour fundus image with 24-bit, white light acquisition
2 Optional extra
3 Triton Plus only
4 Wide-Field OCT and Anterior Segment Metrics are not available for all older Triton units. Contact your local distributor to check eligibility.

NW500

NW500 is the next generation fundus camera, delivering bright and sharp images in well-lit conditions[1], even for eyes with small pupils[2]. The touch-screen monitor offers automatic, rapid one-touch acquisition and 360 degrees of rotation, allowing flexibility to operate from virtually any position.



Innovative slit-scan illumination and rolling shutter mechanism in the NW500 produces excellent quality colour fundus images with less flare and shadow[3]. This technology also helps in overcome one of the known causes of poorly graded images with its ability to effectively image through small pupils, regardless of miosis and the lighting conditions.

Main characteristics

- Sharp, high-quality images
- Automatic, rapid one-touch image capture
- Image through small pupils, 2.0 mm or larger*
- 12MP sensor for enhanced image quality
- Compact design fits into almost any examination setting
- Variety of connectivity options for seamless integration and workflow
- Slit-scan illumination

MAESTRO2

Introducing automated OCT, true colour[4] fundus photography and automated OCT Angiography in one compact instrument. With the touch of a button, OCTA provides you instantaneous vascular structure information - from our world-renowned, multimodal OCT solution.

Main characteristics

- OCT and true colour[4] fundus photography
- 50,000 A-Scans per second
- Fully automated image capture
- Compact and space saving design
- 3D wide scan with Hood Report for Glaucoma
- Reference database comparison for full retinal thickness (Retina), ganglion cell + inner plexiform layer thickness (GCL+), ganglion cell complex thickness (GCL++), circumpapillary retinal nerve fibre layer thickness (RNFL)
- Automatic 3D layer segmentation
- Anterior segment OCT
- Panoramic fundus imaging
- 3D volume view

SL-D SLIT LAMP SERIES

The blending of quality, versatility and ease of use make digital image capture smooth and effortless. The SL-D series meets the varied demands of eye care specialists. A variety of models in different configurations offering primary clinical observation through to sophisticated image capture.

The SL “D” Series employ converging binocular tubes with a parallel magnification system, for comfortable viewing. The DC-4 Digital Camera can be easily mounted on any of the “D” series Topcon Slit Lamps, converting them into an ophthalmic image recording system.

SL-2G

LED Slit Lamp
Basic, economical, and eco-friendly, the SL-2G slit lamp offers an LED light source which is both economical and environmentally friendly. It offers 3 magnifications, 10x, 16x and 25x, as well as blue and red-free filters.

SL-D2

Digital Slit Lamp
A basic Slit Lamp with 3 magnifications, halogen illumination and digitally ready for use with the DC-4 attachment.

SL-D4
(LED type)

Digital Slit Lamp
The SL-D4 digital slit lamp offers LED illumination and 5 magnifications. This digital slit lamp can be used as a conventional biomicroscope or as a slit lamp with several imaging options, and is also compatible with the DC-4 attachment.

SL-D301

Digital Slit Lamp
The SL-D301 is a classic and economical slit lamp especially designed with the optometry clinic in mind. This digital slit lamp with halogen tower illumination system offers 3 magnifications and is compatible with the DC-4 attachment.

SL-D701
(Halogen type)

Digital Slit Lamp
The SL-D701 with Halogen illumination offers 5 magnifications and and 4 filters for enhanced examination. This digital slit lamp is compatible with the DC-4 attachment.

SL-D701
(LED type)

Digital Slit Lamp
The SL-D701 with LED illumination allows observation under a brighter, homogeneous condition than the conventional halogen. This digital slit lamp offers 5 magnifications and and 4 filters for enhanced examination, and is compatible with the DC-4 attachment.

Images Courtesy: Hanemoto Eye Clinic, Japan

1 A room with a brightness of 623 lux or less
2 ϕ2.0 mm or larger, tested on model eye
3 As compared to Topcon non-mydriatic retinal camera TRC-NW400
4 True, full colour fundus image simultaneously captured with white light, 24-bit colour

Take a tour of Topcon's SL-D701 Slit Lamp

TOPCON Healthcare University

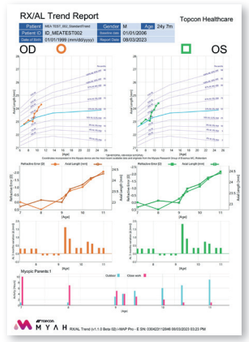
MYAH

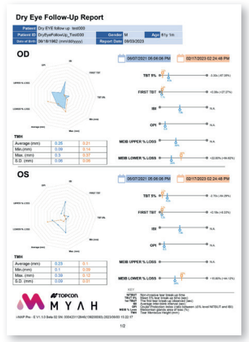
Build, manage and grow your myopia and dry eye practice. MYAH offers all the technologies required to support myopia management: optical biometry, corneal topography and pupillometry — it is a one-time investment.
In addition, MYAH is an all-in-one device that offers an evolving platform which provides the tools to add or grow Dry Eye Management.

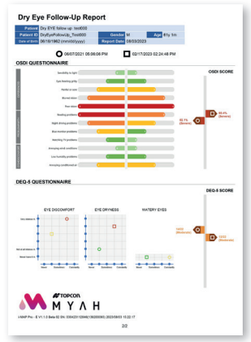
Main characteristics

- Corneal topography including keratoconus screening and pupillometry
- Axial length measurement by optical low coherence interferometry
- Progression reports for analysing treatment efficacy
- Comprehensive suite of Dry Eye assessment tools
- Patient-friendly with rapid capture
- Compact, space-saving, easy to operate

REPORT MYAH







HENSON 9000

The Henson 9000 is a compact, easy-to-use perimeter for detecting and monitoring changes to visual fields.

The Henson 9000 offers a range of tests for the detection and monitoring of visual field loss along with a full suite of analytical tools and networking capabilities.* It features innovative, time-saving tests and analytical tools that enhance patient experience and practice efficiency. Tests can often be extended to include detailed mapping of the central 10 degrees.

Main characteristics

- A Smart Supra - multiple stimulus
- Improved sensitivity (to central defects) - the 3.5 min Smart Supra test combines 24-2 and 10-2 test patterns
- Smart Supra tests can be set to auto-extend, as required, from 26 points to 54 (24-2) and from 54 points to 86 points (24-2 + 10-2)
- Enhanced follow-up: the ZATA threshold test starts from prior patient data, uses smart threshold-related terminating criteria to optimise test performance and includes powerful tools for analysing progression
- Flexibility for doctors and patients

* Networking capabilities are provided by the controlling computer

TERA

The TERA Dry Eye Imager is a full Placido based corneal topographer designed for the comprehensive assessment of corneal properties and pupil metrics. It also provides advanced tools for the assessment, grading and monitoring of dry eye disease, alongside detailed measurements of anterior corneal topography, simulated aberrations, and pupillography to support contact lens fitting and differential diagnosis. Aligned with TFOS DEWS III recommendations, its non-invasive assessments support personalised care pathways and more targeted treatment decisions.

Main characteristics

- Smart automation
- High-resolution, reflection-free imaging
- Comprehensive dry eye suite
- Standardised grading scales
- Corneal topography and screening
- Flexible reporting and review

OMS-800 STANDARD

Equipped with most of the features of the OMS-800 range, the OMS-800 Standard answers the need for a simpler, easy to use operation microscope. Manual brakes and ease of mobility make the OMS-800 an affordable yet advanced unit for all ophthalmic procedures.

OMS-800 OFFISS

OFFISS offers an enhanced scope of possibilities in vitreoretinal surgery. Equipped with the OFFISS lenses mechanism, electromagnetic brakes and sophisticated electronics, this model provides the highest specification for intravitreal surgery, as well as other ophthalmic procedures.

OMS-800 PRO

Electromagnetic brakes and sophisticated electronics provide the OMS-800 PRO with the flexibility to facilitate virtually any type of ophthalmic surgical procedure.

Components

	OMS-800 Standard	OMS-800 OFFISS	OMS-800 Pro
OFFISS	–	○	–
Electromagnetic locking	–	○	○
Coarse focusing	–	○	○
Inverter	–	○	–
Apochromatic optics	○	○	○
Beam splitter	○	○	○
Changeable beam splitter	–	–	–
Illumination angle	Full Illumination (±2°,+4°) / ±2° / Yellow Filter (+4°)		

ALADDIN

The Aladdin is an easy-to-use, combination optical biometer and full corneal topographer. 9-in-1 features include optical coherence biometry, Placido topography, wavefront analysis of the cornea, IOL calculation suite, pupillometry, DICOM connectivity and the NEW RX/AL Trends Module.

Posterior and anterior interferometry biometry results are complemented with anterior topography, Zernike analysis and pupillometry in one fast, accurate and easy acquisition.

Main characteristics

- Keratometry / Topography
- Keratoconus screening
- Pupillometry
- Aberrometry analysis (Zernike)
- Axial length
- Anterior biometry
- White to white

PASCAL®

With enhanced optics, improved ergonomics, intuitive software, and subthreshold capabilities, the Pascal Synthesis allows faster procedures with less pain, collateral damage and scarring for your patients.[1]

Pascal represents a quantum leap in ophthalmic treatment technology and is committed to helping you deliver effective results for your patients. Demanding ophthalmologists choose Pascal because of its speed and ease of use.

Main characteristics

- Exclusive Precision Spots with Multi-Fiber Beam Technology
- Reduced power and short pulses produce less discomfort during treatment
- Rapid pattern scanning laser delivery
- Precise alignment and continuous laser pulse directed by high speed galvanometers
- Enhanced laser delivery slit lamp

1 Manish Nagpal et. al., "Comparison of laser photocoagulation for diabetic retinopathy using 532-nm standard laser versus multispot pattern scan laser." RETINA 30:452-458,2010

CL-300, **TRK-3 OMNIA** and **KR-800**: Manufactured by Topcon Corporation
SOLOS: Manufactured by Visia Imaging S.R.L
CV-5000 and **Chronos**: Manufactured by Topcon Corporation
IS-100, **IC-1**, **IS-600III**, **IS-1P**: Manufactured by Antoni Carles SA
NW500, **3D OCT-1 Maestro2** and **DRI OCT Triton**: Manufactured by Topcon Corporation

SL-Series Slit Lamps: Manufactured by Topcon Corporation
MYAH, **CC-100** and **Henson 9000**: Manufactured by Visia Imaging S.R.L
OMS-800: Manufactured by Topcon Corporation
Aladdin: Manufactured by Visia Imaging S.R.L
Pascal: Manufactured by Iridex Corporation

IMPORTANT In order to obtain the best results with this instrument, please be sure to review all user instructions prior to operation.
Not all products, services or offers are approved or offered in every market, and products vary from one country to another.
Contact your local distributor for country-specific information and availability.

Products are certified according to applicable European legislation to ensure compliance with CE mark requirements.

EC REP **TOPCON EUROPE MEDICAL B.V.**
Essebaan 69, 2908 LJ Capelle a/d IJssel
THE NETHERLANDS
Phone: +31 -(0)10-4585077
Fax: +31 -(0)10-4585045
E-mail: medical@topcon.com
www.topconhealthcare.eu

For medical devices manufactured by Topcon Corporation only.

SLOVENIJA

RIMC d.o.o.
Pot na Polšco 75, 8270 KRŠKO
+386 51 625 626
info@rimc.net
www.rimc.net

CROATIA

Pros Logistic Medical d.o.o.
ul. Crvenig Križa 31, 10000 ZAGREB
+385 99 444 2222
info@prosmedical.hr
www.prosmedical.hr

SERBIA

DOO Eurooptic Vrbas
Kosmajska br. 9. 21460 VRBAS
+381 63 541 221
topcon.srb@gmail.com
www.rimc.net

BOSNIA

F.K. Company d.o.o.
Topal Osman Paše 32, 71123 SARAJEVO
+387 65 874 423
info@fkcompany.ba
www.fkcompany.ba

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