ALADDIN

Optical Biometry and Topography System

TOPCON | YOUR VISION. OUR FOCUS.

The complete picture—enhanced.

Final visual results and patient's satisfaction are paramount in today's cataract surgery. By providing precise measurements and incorporating the latest generation of IOL calculation formulae, the Aladdin assists in the optimization of refractive outcomes.

With the combination of an optical biometer and full corneal topographer, Topcon pioneered the concept of "The Complete Picture" in IOL power calculation. Now the complete picture has been enhanced with the addition of the Barrett IOL Calculation Suite and the Olsen formula as a standard components of the Aladdin.

ALADDIN features

Fully integrated patient database
- Patient search function
- Input of post-operative data

Easy acquisition 9-in-1
- Axial length
- Keratometry
- Corneal Topography
- Anterior Chamber Depth
- Lens Thickness
- Central Corneal Thickness
- White-to-White
- Zernike analysis of the cornea
- Pupillometry

Conventional IOL calculation formulae
- SRK II, SRK/T, Hoffer Q, Holladay 1, Haigis
- Multiple surgeon pre-settings
- ULIB database compatible
- Customizable IOL database

Post refractive IOL calculation formulae
- Camellin-Calossi
- Shammas (no history)
- Barrett True K
- Barrett True K Toric

Generic toric IOL calculation
- Toric IOL rotation simulator
- Abulafia-Koch Astigmatism Formula

Latest Generation Formulae
- Barrett Universal II
- Barrett Universal II Toric
- Barrett True K
- Barrett True K Toric
- Barrett Rx
- Olsen formula

Pupillometry
- Dynamic, Photopic, Mesopic
- Decentralization and Latency graph

Reports
- Biometry report (AL, K, ACD, LT, CCT WTW)
- To USB, shared folder and printer
- Topography report
- IOL report
- Pupillometry

DICOM™ COMPLIANCE

The DICOM panel in the Aladdin Connectivity section allows the user to set the needed parameters for the connections to the available DICOM features:

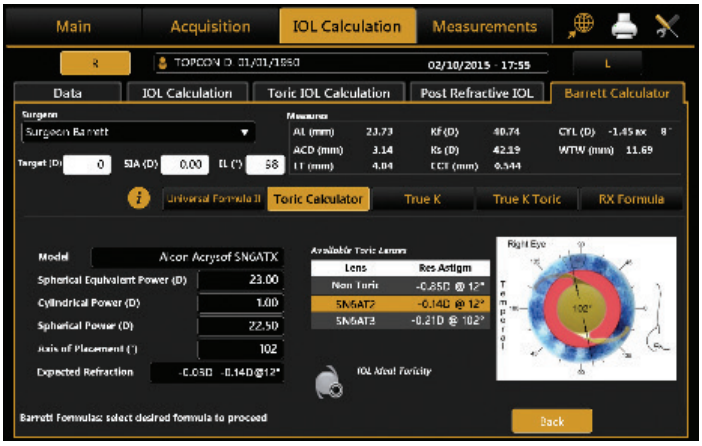
» Modality Worklist
» Patient Root Query
» Storage
» Storage Commitment

Onboard Barrett IOL Calcuation Suite

Dr. Graham D. Barrett developed the Barrett formula in 2013 and takes into account the posterior cornea considering the lens position for each individual patient instead calculating IOL power by estimating lens thickness based on patient's age.

The Barrett formula uses the Universal II, which is a method of predicting IOL power to work out where the lens is and utilizes that information to calculate the effect of the cylinder power at the cornea.

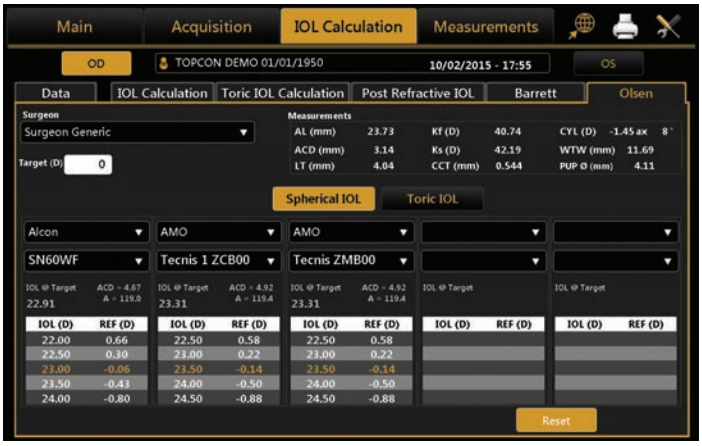
The Universal II formula was also developed by Dr. Barrett. Dr. Barrett's formula considers the thickness and shape of the lens as well, which provides a more sophisticated way of predicting and translating the cylinder power. The formula is able to predict posterior corneal curvature without actually measuring it. The new version of the Aladdin, accurately measures the lens thickness, an important component of the Barrett formula.



The Aladdin's Barrett IOL Calculation Suite includes the Barrett Rx, the Barrett Toric Calculator Formula, the Barrett True K and the Barrett Universal II formulae.

Onboard Olsen Formula

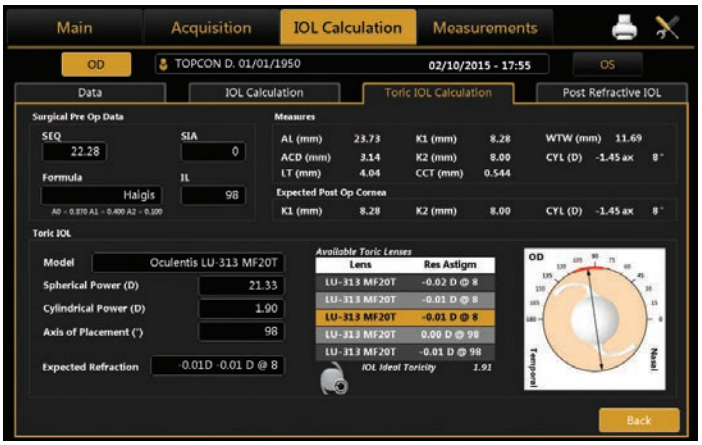
The Aladdin HW3.0 provides precise measurements of the internal structures of the eye including Central Corneal Thickness and Crystalline Lens Thickness. Those measurements used in combination with the on-board Olsen IOL calculation formula provides accurate IOL power calculations in virtually all types of eyes regardless of size. The Olsen formula utilizes a newly developed concept by Dr. Olsen called the C-constant which predicts the Effective Lens Position (ELP) when performing in-the-bag IOL implants. This model also predicts the lens position of anterior chamber IOLs. The C-constant approach performs independently of other conventional measurements such as axial length, keratometry, white-to-white length, IOL power, etc. It will provide accurate IOL calculations in any type of eye.

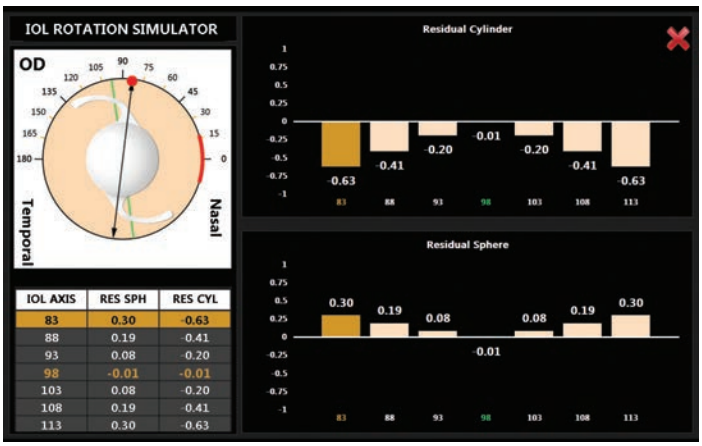


Olsen Formula

Abulafia-Koch astigmatism cylinder correction for Toric IOL calculations incorporated

The Abulafia-Koch correction formula calculates the estimated total corneal astigmatism based on standard keratometry measurements.



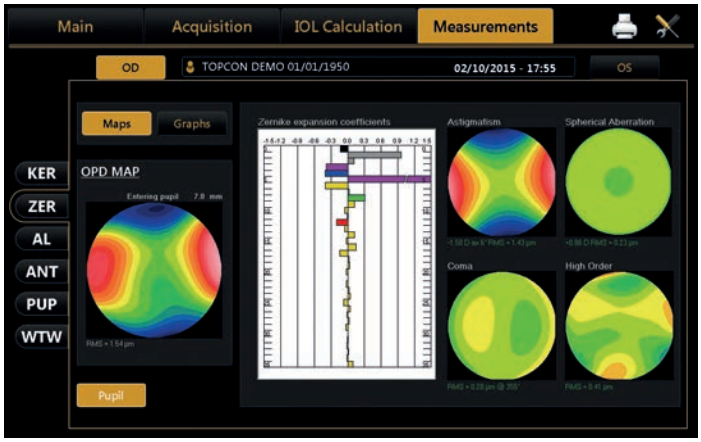


Precise Toric IOL Calculation

A robust generic Toric IOL calculator is incorporated into the Aladdin software. This integrated toric IOL calculator saves time and avoids unnecessary mistakes when manually entering data online. IOL toric rotation simulation software calculates the induced spherical and cylindrical power for every 5 degrees that the toric IOL rotates. Surgically Induced Astigmatism (SIA) and Incision Location (IL) are displayed for each model of toric IOL.

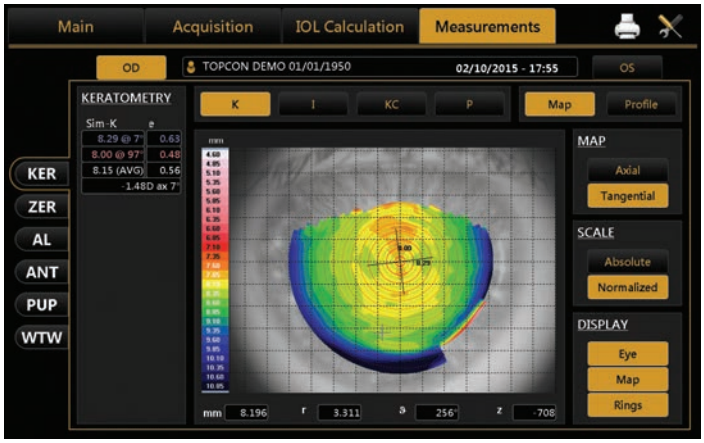
Aberrometry analysis (Zernike)

Zernike analysis of the topographic data provides the Optical Path Difference (OPD) and information on astigmatism, spherical aberrations, high order aberrations and Coma for pupil sizes of 2.5mm to 7.0mm. When using the actual Spherical Aberration provided by Zernike analysis, you can select the appropriate aspherical IOL with standardized spherical aberration correction according to the patient's individual required spherical aberration.



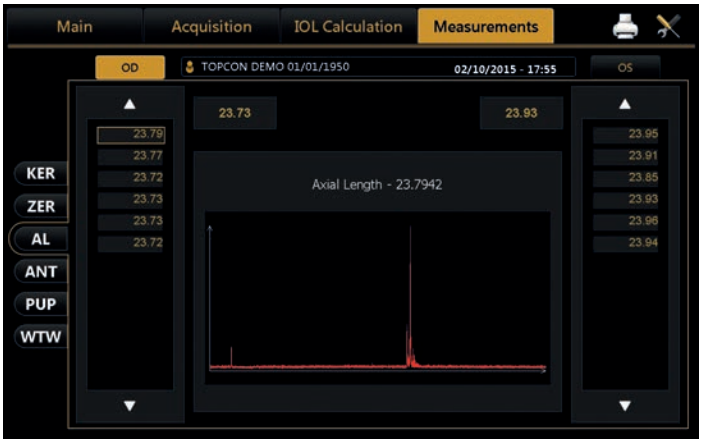
Keratometry/Topography

Full corneal topography provides substantially more information than conventional central keratometry. Corneal topography data is especially useful in the selection of toric IOLs to quickly differentiate regular and irregular astigmatism as well as corneal aberrations. The ALADDIN provides accurate corneal topography obtained from the reflection of a set of 24 Placido rings in combination with a low coherence interferometer.



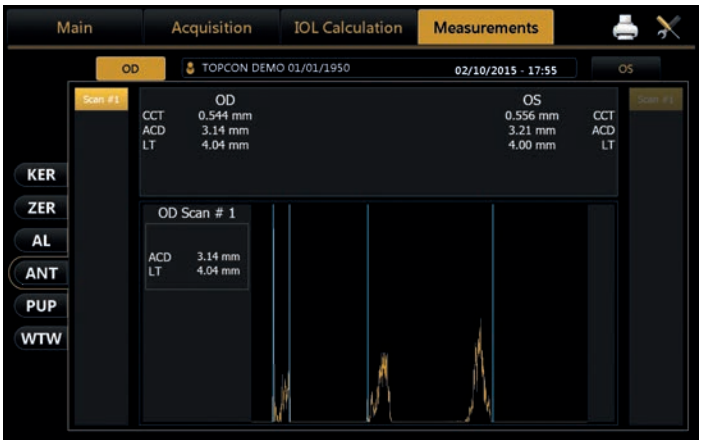
Axial Length

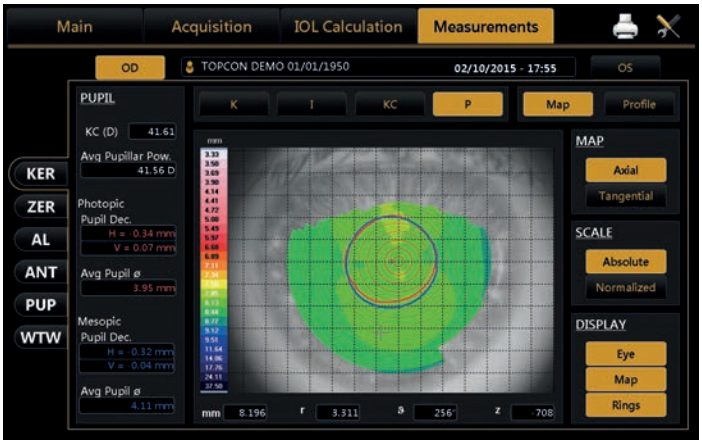
Using a low-coherence interferometry system with a super luminescent diode of 850 nm and signal processing ALADDIN achieves Axial Length measurement with high signal-to-noise ratio and is able to penetrate even high grade dense cataracts. Axial length measurements can be performed on normal eyes as well as on aphakic, pseudophakic and silicone oil-filled eyes.

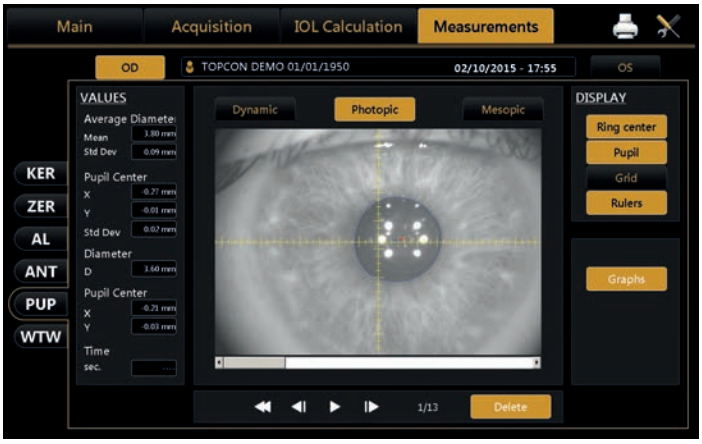


Anterior biometry

Anterior biometry with the ALADDIN makes it possible to measure Central Corneal Thickness, Anterior Chamber Depth and the Crystalline Lens Thickness. ACD is measured through interferometry providing high precision and reproducibility. All interferometry measurements are shown in a single graph quick reference.







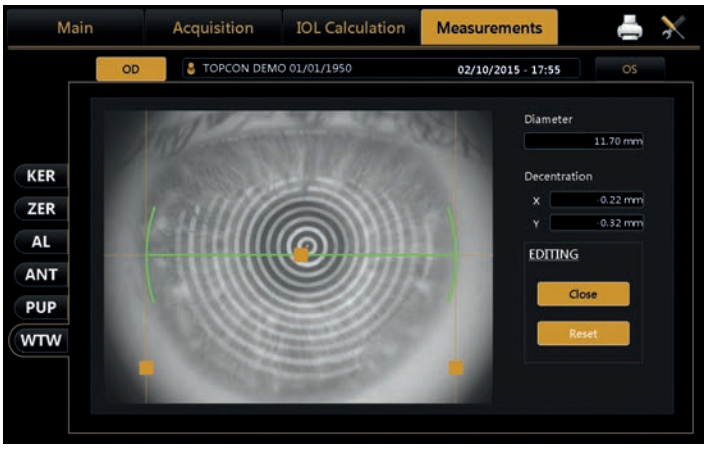
Pupillometry

During Placido evaluation, pupillary response is observed to assess a pseudo Photopic and pseudo Mesopic pupil size, indicating response and normal range of the pupil. Full pupillometry screening assists to evaluate eyes for multifocal IOL implantation or refractive surgery. For any refractive procedure it is important to carefully evaluate the pupil size in different light conditions to address cases of extremely small or decentered pupils. The ALADDIN can perform pupillometry in three different modes:

» Dynamic

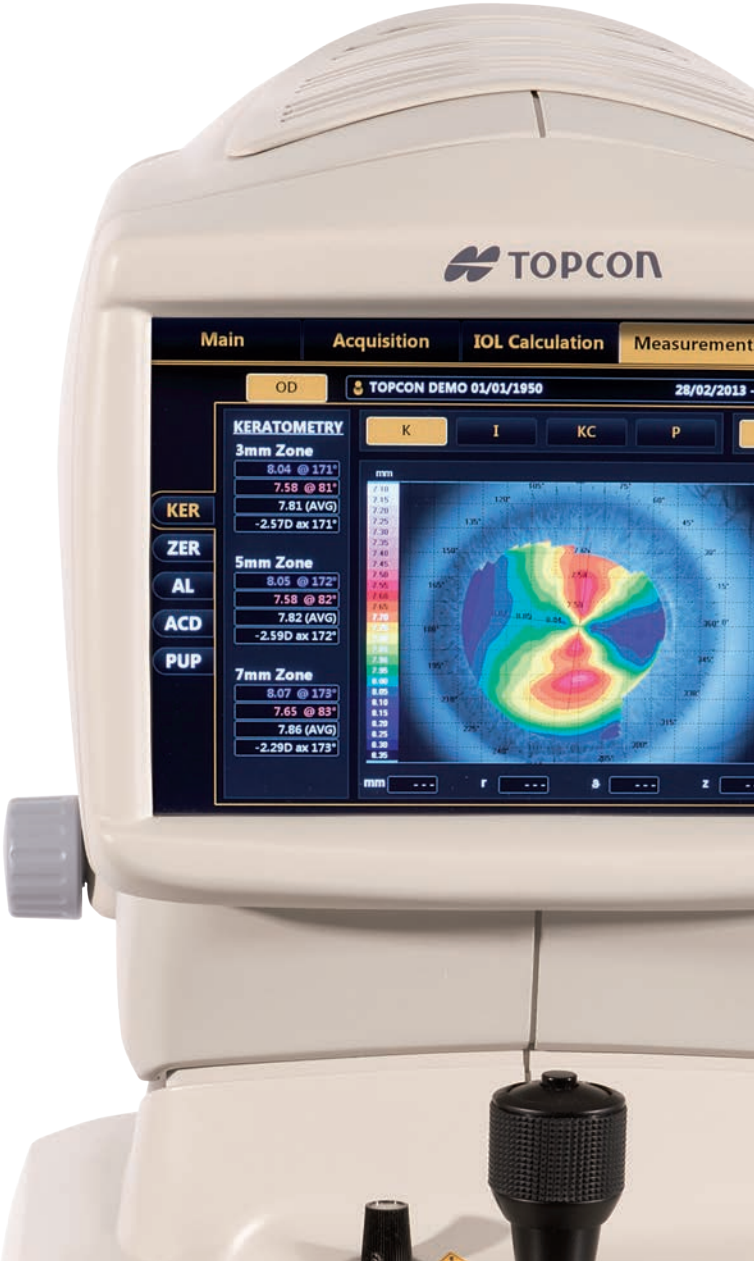
» Photopic

» Mesopic



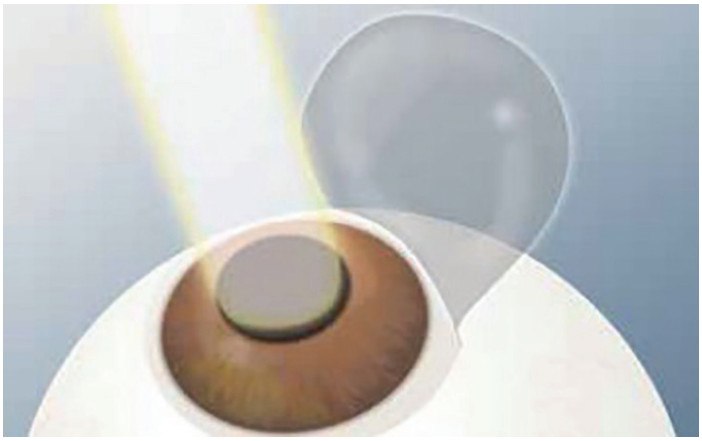
White-to-white

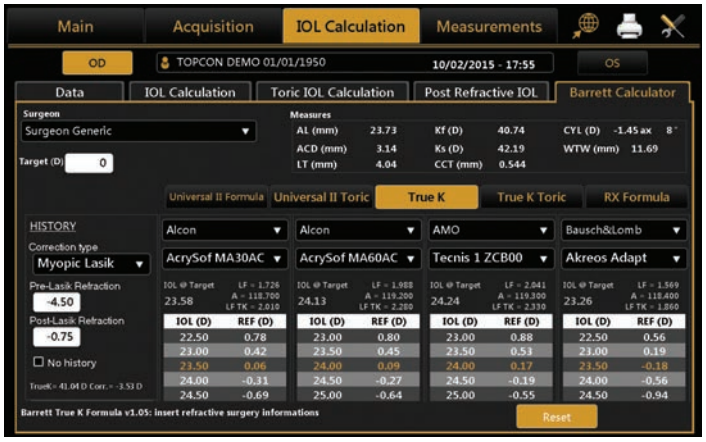
The ALADDIN automatically measures white-to-white length which can be manually edited. Reliable white-to-white measurement is used for anterior chamber intraocular lens and sulcus fixated posterior chamber intraocular lens calculation in highly myopic eyes.



Post refractive IOL

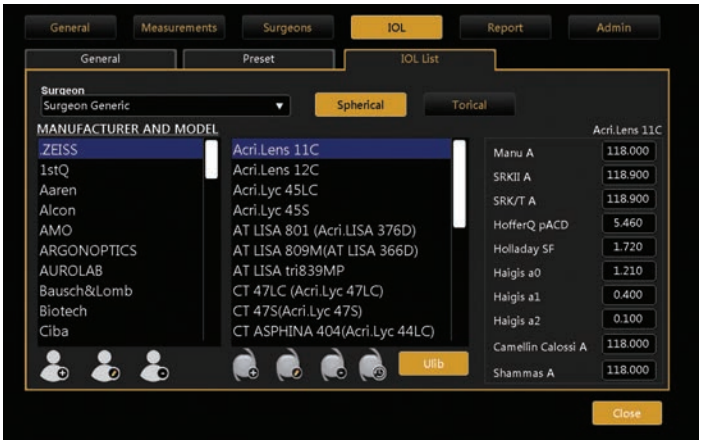
In eyes that have previously undergone refractive surgery, spherical aberrations are often outside the standard values. In these cases, the ALADDIN provides the latest generation post-refractive IOL calculation formulae to aid in the selection of the proper lens power.





Customizable IOL database

The ALADDIN provides a comprehensive IOL database which can be easily updated using the ULIB site. The surgeon can manually optimize the A- constant for each individual IOL to obtain even a higher level of accuracy every time a cataract surgery is performed. Favorite IOL's can be selected and programmed for each surgeon, making IOL selection simple and personalized.

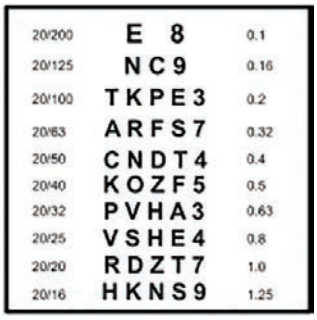


Topcon's Cataract Workstation

Visual acuity (VA) is the most common clinical measure of the quality of cataract surgery. It is how the success of surgery is measured and it is therefore, critical that it is measured correctly. Measurement of VA must be standardized and systematic. Topcon's KR-800S Auto Kerato-Refractometer with subjective VA check will do exactly that. With the KR-800S the VA can be subjectively tested before and after cataract surgery. With the unique features of the KR-800S such as "Glare" test and "Contrast" test, the progression and differentiation of nuclear cataract from cortical cataract can be evaluated.

Premium IOL simulation

The KR-800S offers a Spherical Equivalent mode, which can simulate the benefit of a premium (toric) IOL , to encourage the patient to reach an even higher post-operative VA. The subjective VA test for near vision will demonstrate to the patient the benefits of a Premium IOL.



KR-800S

1. VA check far vision
2. VA check near vision
3. VA check glare condition
4. VA check contrast condition
5. Grid test (AMD screening)
6. Simulate benefit Premium IOL

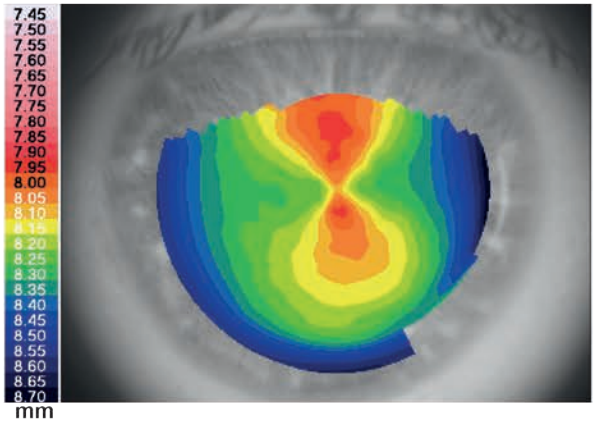
TOPCON

Topcon Aladdin Biometer

Patient	: TOPCON DEMO	*Surgeon*	: Surgeon Generic
Patient ID	:	*Exam Date* (mm/dd/yyyy)	: 02/10/2015 - 17:55
Date Of Birth (mm/dd/yyyy)	: 01/01/1950		

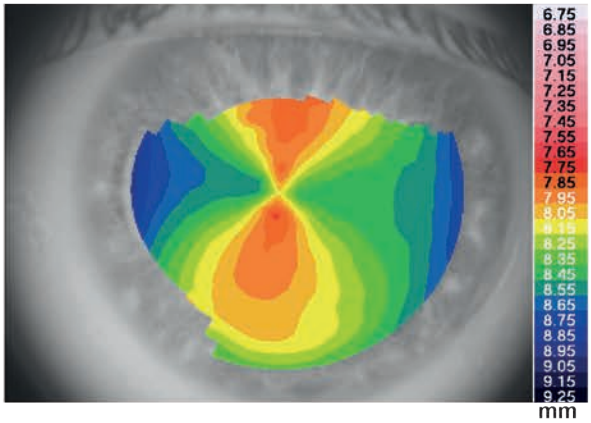
OD Phakic

Normalized Axial Map



Normalized Axial Map

OS Phakic



Measurement Summary

OD				OS			
AL	**23.73 mm**	K1	**8.28 mm@ 8 °**	AL	**23.93 mm**	K1	**8.51 mm@ 173 °**
ACD	**3.14 mm**	K2	**8.00 mm@ 98 °**	ACD	**3.21 mm**	K2	**7.90 mm@ 83 °**
LT	**4.04 mm**	CCT	**0.544 mm**	LT	**4.00 mm**	CCT	**0.556 mm**
WtoW	**11.70 mm** Dec **(-0.22, -0.29)**			WtoW	**11.92 mm** Dec **(0.40, -0.07)**		

Keratorefractive Indices

OD				OS			
CYL 3 mm	**-1.44 D**	Ax: **7°**		CYL 3 mm	**-3.18 D**	Ax: **172°**	
CYL 5 mm	**-1.46 D**	Ax: **8°**		CYL 5 mm	**-3.16 D**	Ax: **172°**	
SD	SAI	e	Kc	SD	SAI	e	Kc
0.36 D	**0.47 D**	**0.49**	**41.61**	**0.44 D**	**0.55 D**	**0.39**	**41.40**

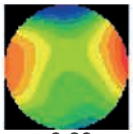
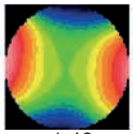
Apical Keratometry

OD				OS			
AK	AGC	SI	p	AK	AGC	SI	p
43.03 D	**0.90 D/mm**	**-0.50 D**	**0%**	**43.46 D**	**0.68 D/mm**	**-0.40 D**	**0%**

Pupil Data

OD					OS				
Photo:	Diam	3.95 mm	Dec	0.35 mm; 168°	Photo:	Diam	4.24 mm	Dec	0.21 mm; 343°
Meso:	Diam	4.11 mm	Dec	0.32 mm; 187°	Meso:	Diam	4.45 mm	Dec	

Zernike Analysis 5 mm

OD			OS		
OPD	**Coma**	**Sph. Ab.**	**OPD**	**Coma**	**Sph. Ab.**
					
rms: 0.80 µm	rms: 0.15 µm	rms: 0.10 µm	rms: 1.43 µm	rms: 0.07 µm	rms: 0.14 µm

ALADDIN

Calculation

TOPCON

Topcon Aladdin Biometer

Patient	: **TOPCON DEMO**	***Surgeon***	: **SURGEON GENERIC**
Patient ID	:	***Exam Date*** (mm/dd/yyyy)	: **02/10/2015 - 17:55**
Date Of Birth (mm/dd/yyyy)	: **01/01/1950**		

OD

Phakic

Data Measurements n : **1.3375**

Aladdin Optical

AL	:	**23.73 mm**	K1	:	**8.28 mm**	@	**8 °**
ACD	:	**3.14 mm**	K2	:	**8.00 mm**	@	**98 °**
LT		**4.04 mm**	CYL	:	**-1.45 D**	ax	**8 °**
CCT		**0.544 mm**					

Target Refraction: 0

Oculentis
L-313

SRK/T	
IOL(D)	*REF(D)*
20.50	0.83
21.00	0.47
21.50	**0.10**
22.00	-0.27
22.50	-0.64

IOL @ Target 21.64 — A = 118.100

Oculentis
LS-313 MF30

SRK II	
IOL(D)	*REF(D)*
21.00	0.77
21.50	0.37
22.00	**-0.03**
22.50	-0.43
23.00	-0.83

IOL @ Target 21.97 — A = 118.600

Oculentis
LU-313 MF30T

Haigis	
IOL(D)	*REF(D)*
21.50	0.58
22.00	0.21
22.50	**-0.16**
23.00	-0.54
23.50	-0.92

IOL @ Target 22.28 — A0 = 0.870, A1 = 0.400, A2 = 0.100

Oculentis
LS-412Y

Hoffer Q	
IOL(D)	*REF(D)*
21.00	0.86
21.50	0.51
22.00	**0.16**
22.50	-0.20
23.00	-0.56

IOL @ Target 22.22 — pACD = 5.070

Oculentis
LU-800 RZI

Holladay I	
IOL(D)	*REF(D)*
19.00	0.90
19.50	0.52
20.00	**0.13**
20.50	-0.25
21.00	-0.65

IOL @ Target 20.17 — SF = 0.310

OS

Phakic

Data Measurements n : **1.3375**

Aladdin Optical

AL	:	**23.93 mm**	K1	:	**8.51 mm**	@	**173 °**
ACD	:	**3.21 mm**	K2	:	**7.90 mm**	@	**83 °**
LT		**4.00 mm**	CYL	:	**-3.06 D**	ax	**173 °**
CCT		**0.556 mm**					

Target Refraction: 0

Oculentis
L-313

SRK/T	
IOL(D)	*REF(D)*
20.50	0.67
21.00	0.31
21.50	**-0.06**
22.00	-0.43
22.50	-0.81

IOL @ Target 21.42 — A = 118.100

Oculentis
LS-313 MF30

SRK II	
IOL(D)	*REF(D)*
21.00	0.62
21.50	0.22
22.00	**-0.18**
22.50	-0.58
23.00	-0.98

IOL @ Target 21.77 — A = 118.600

Oculentis
LU-313 MF30T

Haigis	
IOL(D)	*REF(D)*
21.00	0.81
21.50	0.45
22.00	**0.08**
22.50	-0.30
23.00	-0.67

IOL @ Target 22.10 — A0 = 0.870, A1 = 0.400, A2 = 0.100

Oculentis
LS-412Y

Hoffer Q	
IOL(D)	*REF(D)*
21.00	0.72
21.50	0.37
22.00	**0.01**
22.50	-0.35
23.00	-0.71

IOL @ Target 22.02 — pACD = 5.070

Oculentis
LU-800 RZI

Holladay I	
IOL(D)	*REF(D)*
19.00	0.76
19.50	0.38
20.00	**-0.01**
20.50	-0.40
21.00	-0.80

IOL @ Target 19.99 — SF = 0.310

Reports Generic Toric IOL Calculation*

TORIC IOL

TOPCON

Patient Information

Patient **TOPCON DEMO**	Surgeon **SURGEON GENERIC**	**OS**
Patient ID	Clinic	
Date of Birth **01/01/1950** mm/dd/yyyy	Exam Date **02/10/2015 - 17:55** mm/dd/yyyy	

Biometry Data

AL (mm)	**23.93**	LT (mm)	**4.00**	K1 (mm)	**8.51**	CYL (D)	**-3.06@173°**
ACD (mm)	**3.21**	CCT (mm)	**0.556**	K2 (mm)	**7.90**	n	**1.3375**

Surgical Pre Op Data

SEQ (D)	**23.00**	SIA (D)	**0**
Formula	**Holladay I**	IL (°)	**83**

SF = 1.980

Expected Post Op Cornea

K1 Post (mm) **8.51** K2 Post (mm) **7.90**

CYL Post (D) **-3.06 @ 173°**

Toric IOL

Lens Model

Alcon AcrySof SN6AT6

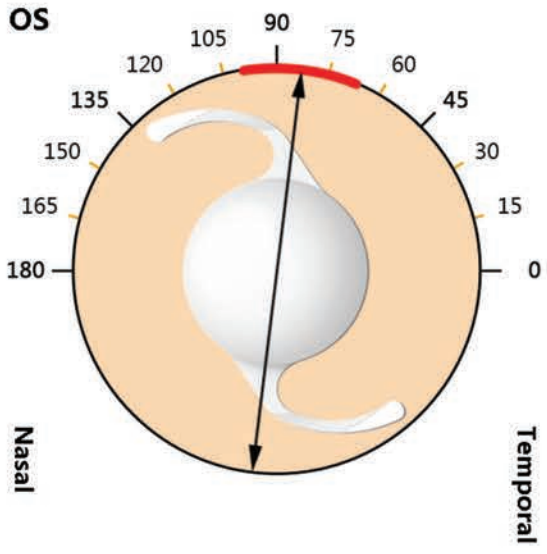
Spherical Power	Cylindrical Power
21.50 D	**3.75 D**
Sph. Equiv. Power	Axis Of Placement
23.38 D	**83°**

Expected Refraction

-0.02D -0.44 D @ 173°

Lens	Residual Astigmatism
AcrySof SN6AT4 (22.00D 2.25C)	-1.48 D @ 173°
AcrySof SN6AT5 (21.50D 3.00C)	-0.96 D @ 173°
AcrySof SN6AT6 (21.50D 3.75C)	-0.44 D @ 173°
AcrySof SN6AT7 (21.00D 4.50C)	-0.08 D @ 83°
AcrySof SN6AT8 (20.50D 5.25C)	-0.60 D @ 83°

Toric IOL Placement



Quantity **1**

Notes

1.4.0

TOPCON

Topcon Aladdin Biometer

Patient	: TOPCON DEMO	***Surgeon***	: Surgeon Generic
Patient ID	:	***Exam Date*** (mm/dd/yyyy)	: 02/10/2015 - 17:55
Date Of Birth (mm/dd/yyyy)	: 01/01/1950		

OD

Phakic

OS

Phakic

Axial length values

Comp. AL: 23.73 mm		Comp. AL: 23.93 mm	
AL	**AL**	**AL**	**AL**
23.79 mm		23.95 mm	
23.77 mm		23.91 mm	
23.72 mm		23.85 mm	
23.73 mm		23.93 mm	
23.73 mm		23.96 mm	
23.72 mm		23.94 mm	

Value Corneal Curvature

KER: 8.28/8.00 mm CYL: -1.45 D Ax 8°		KER: 8.51/7.90 mm CYL: -3.06 D Ax 173°	
K1: 8.28 mm @ 8°	40.74 D	K1: 8.51 mm @ 173°	39.64 D
K2: 8.00 mm @ 98°	42.19 D	K2: 7.90 mm @ 83°	42.71 D
CYL: -1.45 D ax 8°		CYL: -3.06 D ax 173°	

ACD value

ACD: 3.14 mm				ACD: 3.21 mm			
3.14 mm				3.21 mm			

LT value

LT: 4.04 mm				LT: 4.00 mm			
4.04 mm				4.00 mm			

CCT value

CCT: 0.544 mm	CCT: 0.556 mm

White to White

WTW 11.70 mm Dec (-0.22 mm, -0.29 mm)	WTW 11.92 mm Dec (0.40 mm, -0.07 mm)

TOPCON

Topcon Aladdin Biometer

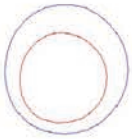
Patient	: TOPCON DEMO	*Surgeon*	: Surgeon Generic
Patient ID	:	*Exam Date* (mm/dd/yyyy)	: 02/10/2015 - 17:55
Date Of Birth (mm/dd/yyyy)	: 01/01/1950		

Dynamic Pupillography

OD

Diameter (mm)

Min	Max
3.48	4.98



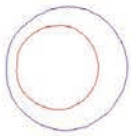
Center (mm)

Mean	Std Dev
x= -0.27 y= 0.02	0.07

OS

Diameter (mm)

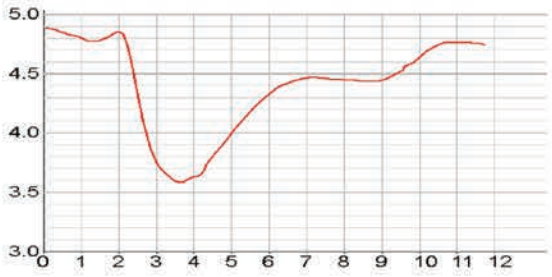
Min	Max
3.27	4.78



Center (mm)

Mean	Std Dev
x= 0.25 y= -0.04	0.08

Latency



Static Pupillography

Diameter (mm)

	Mesopic	Photopic
Mean	4.57	3.80
Std Dev	0.09	0.09

Diameter (mm)

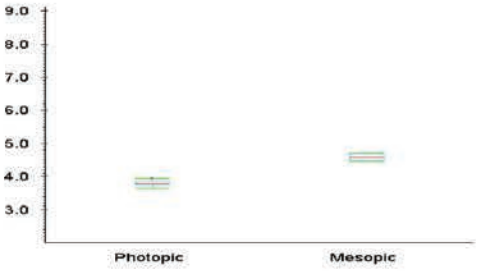
	Mesopic	Photopic
Mean	4.60	3.71
Std Dev	0.09	0.10

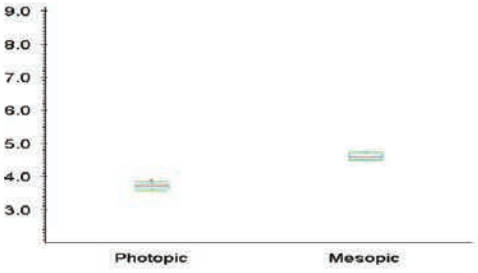
Center (mm)

	Mesopic	Photopic
X	-0.33	-0.27
Y	0.04	-0.01

Center (mm)

	Mesopic	Photopic
X	0.25	0.21
Y	-0.15	-0.09





Specifications

MEASUREMENT RANGE FOR IOL	
Axial Length (Interferometry)	Super luminescent diode 850Nm, 15mm – 38mm
Corneal Radii	5.00mm – 12.00mm / 28.00D - 67.50D
Anterior Chamber Depth measurement	Interferometer 1.5mm – 6.5mm
White-to-White Measurement	8.00mm – 14.00mm
Pupillometry	Dynamic, Photopic and Mesopic 0.5mm – 10mm
Lens Thickness (Interferometry)	0.5mm – 6.5mm
Central Corneal Thickness (Interferometry)	0.300mm – 0.800mm

ON-BOARD CALCULATION FORMULAE	
IOL Formulae	Haigis, Hoffer Q, Holladay 1, SRK®II, SRK®T, Barrett, Universal II, Olsen
Post Refractive IOL Formulae	Camellin Calossi and Shammas No History, Barrett True K, Barrett Rx

PLACIDO TOPOGRAPHY SPECIFICATIONS	
Keratoscopic Cone	24 rings on a 43D sphere, working distance 80mm
Points Analyzed	Over 100,000
Points Measured	6,200
Cornea Coverage	Up to 9.8mmØ (on a 8mm sphere) 42.2D with N=1.3375
Guided Focus System	Yes

APEX KERATOMETRY (AK)	
Apical Curvature	Yes
Apical Gradient of Curvature	Yes
Symetric Index	Yes

SOFTWARE FEATURES	
Toric IOL Calculator	Generic Toric IOL, Barrett Toric calculator, Olsen Toric
Zernike Analysis	Pupil size from 2.5mm to 7.0mm
Print To	USB printer, Network printer, PDF to shared network folder, PDF to USB drive

INSTRUMENT SPECIFICATIONS	
Display	10.1" Touch screen
Storage	320 GB HDD + 32 GB SSD
Operating System	Windows 7 Embedded OS
Processor	AMD G-T56N
Internal Memory	2GB RAM
Power Input	AC 100 – 240V 46-63 Hz
Dimensions	320 mm (W) x 490 mm (H) x 470 mm (L)
Weight	18 kg
Connections	1x LAN, 2x USB
Supports	USB Barcode scanner, External USB keyboard / mouse
Markings	CE, ETL

REPORTS	
Aladdin Report	Yes
Measurement Overview	Yes
Pupillometry	Yes
IOL	Yes
Generic Toric IOL	Yes

TOPCON CORPORATION
75-1 Hasunuma-cho, Itabashi-ku, Tokyo 174-8580, Japan. Phone:3-3558-2523/2522 Fax:3-3965-6898 www.topcon.co.jp

TOPCON MEDICAL SYSTEMS, INC.
111 Bauer Drive, Oakland, NJ 07436, U.S.A.
Phone:+1-201-599-5100 Fax:+1-201-599-5250 www.topconmedical.com

TOPCON MEDICAL LASER SYSTEMS, INC.
3130 Coronado Drive Santa Clara,California 95054 USA
Phone:+1-408-235-8200 Phone:(USA only)+1-888-760-8657
Fax:+1-408-235-8259 Email: tmlsinfo@topcon.com

TOPCON CANADA INC.
110 Provencher Avenue, Boisbriand, QC J7G 1N1 CANADA
Phone:+1-450-430-7771 Fax:+1-450-430-6457 www.topcon.ca

TOPCON EUROPE MEDICAL B.V.
Essebaan 11; 2908 LJ Capelle a/d IJssel; P.O.Box145;
2900 AC Capelle a/d IJssel; THE NETHERLANDS
Phone:+31 -(0)10-4585077 Fax:+31 -(0)10-4585045
E-mail: medical@topcon.nl; www.topcon.eu

ITALY OFFICE
Viale dell' Industria 60; 20037 Paderno Dugnano; (Milano), ITALY
Phone:+39-02-9186671 Fax:+39-02-91081091 E-mail: info@topcon.it; www.topcon.it

DANMARK OFFICE
Praestemarksvej 25; 4000 Roskilde, DANMARK
Phone:+45-46-327500 Fax:+45-46-327555
E-mail: topcon@topcondanmark.dk www.topcondanmark.dk

IRELAND OFFICE
Unit 276, Blanchardstown; Corporate Park 2 Ballycoolin Dublin 15, IRELAND
Phone:+353-18975900 Fax:+353-18293915 E-mail: medical@topcon.ie; www.topcon.ie

TOPCON S.A.R.L.
BAT A1 3 route de la révolte 93206 SAINT DENIS CEDEX
Tel : +33 1 49 21 23 23 Fax : +33 1 49 21 23 24 E-mail:topcon@topcon.fr; www.topcon.fr

TOPCON DEUTSCHLAND G.m.b.H.
Hanns-Martin-Schleyer Strasse 41; D-47877 Willich, GERMANY
Phone:+49-(0)2154-8850 Fax:+49-(0)2154-885177 E-mail:med@topcon.de; www.topcon.de

TOPCON SCANDINAVIA A.B.
Neongatan 2; P.O.Box 25; 43151 Mölndal, SWEDEN
Phone:+46-(0)31-7109200 Fax:+46-(0)31-7109249 E-mail:medical@topcon.se; www.topcon.se

TOPCON ESPAÑA S.A.
HEAD OFFICE
Frederic Mompou 4 Esc. A Bajos 3, 08960 Sant Just Desvern Barcelona, SPAIN
Phone:+34-93-4734057 Fax:+34-93-4733932 E-mail: medica@topcon.es; www.topcon.es

TOPCON (GREAT BRITAIN) LTD.
Topcon House,Kennet Side,Bone Lane,Newbury,Berkshire RG14 5PX United Kingdom
Phone:+44-(0)1635-551120 Fax:+44-(0)1635-551170 E-mail:medical@topcon.co.uk; www.topcon.co.uk

TOPCON POLSKA Sp. z. o. o.
ul. Warszawska 23; 42-470 Siewierz, POLAND
Phone:+48-(0)32-6705045 Fax:+48-(0)32-6713405 www.topcon-polska.pl

TOPCON SINGAPORE MEDICAL PTE. LTD.
1 JALAN KILANG TIMOR #09-01 PACIFIC TECH CENTRE SINGAPORE 159303
Phone:+65-68720606 Fax:+65-67736150 E-mail:medical_sales@topcon.com.sg www.topcon.com.sg

TOPCON INSTRUMENTS (MALAYSIA) SDN.BHD.
No. D1, (Ground Floor), Jalan Excella 2, Off Jalan Ampang Putra,
Taman Ampang Hilir, 55100 Kuala Lumpur,MALAYSIA
Phone:+60-(0)3-42709866 Fax:+60-(0)3-42709766

TOPCON INSTRUMENTS (THAILAND) CO.,LTD.
77/162 Sinnsathorn Tower, 37th Floor,Krungthonburi Rd.,Klongtonsai,
Klongsarn, Bangkok 10600,THAILAND
Phone:+66(0)2-440-1152-7 Fax:+66-(0)2-440-1158

TOPCON CORPORATION BEIJING OFFICE
Block No.9, Kangding Street Beijing Economic-Technological Development Area,
Beijing,100176,CHINA
Phone:+86-(0)10-6780-2799 Fax:+86-(0)10-6780-2790

TOPCON CORPORATION SHANGHAI OFFICE
14L Huamin Empire Plaza, No.726, Yan-an Xi Road,
Shanghai, 200050, CHINA
Phone:+86-(0)21-5238-7722 Fax:+86-(0)21-5237-0761

TOPCON CORPORATION BEIRUT OFFICE
P.O.Box 70-1002 Antelias,Beirut, LEBANON
Phone:+961-4-523525/523526 Fax:+961-4-521119

TOPCON CORPORATION DUBAI OFFICE
P.O.Box 293705,Dubai Airport Free Zone L.I.U. J-12, Dubai, U.A.E
Phone:+971-4-299-5900 Fax:+971-4-299-5901

MCA# 2197
LIT00531