Precision meets innovation

The amazing technology behind CASIA2 makes it so comfortable to work with. You will get not only detailed results from various perspectives, but also an excellent user experience.

- Testing application for cataract/glaucoma/ cornea surgery
- + Glaucoma angle analysis (360°)
- Advanced imaging at high resolution and deep scanning depth (13 mm)
- + Very fast scanning speed (50,000 A-scans/second)

TOMEY

- Corneal topography and IOL choice and calculation
- + Lens shape analysis and trend analysis
- + Phakic IOL simulation
- + Total Analysis
- + Pre- and Post-OP ICL function



Specifications

MEASUREMENT RESOLUTION			
Axial (Depth)	10 µm or less (in ti		
Transverse	30 μm or less (in ai		

MEASUREMENT SCAN RANGE		
Depth	13 mm	
Transverse	Radial scan: Ø 16 Raster scan: 12 × 2	

MAIN UNIT	
Scan rate	50,000 A-scans/s
Stroke range of moving section	40 mm (y-axis); 88
Stroke range of chin rest	70 mm
Type of light source	Swept laser sourc
Laser source wavelength	1,310 nm

WORKSTATION COMPUTER		
External HDD	8 TB or more	
OS	Windows®10 64	
CPU	Intel® Core i5	
Memory	8 GB or more	
SSD	128 GB	
HDD	8 TB or more	
Data output	Printer (LAN, USE	
Display	Touch panel LCD	

DIMENSIONS AND ELEC	TRICAL REQU
Dimensions WDH	530 x 560 x 455
Weight	approx. 33 kg
Voltage	100 VAC to 240 '
Frequency	50/60 Hz
Power consumption	170 VA
Power output	Less than 6 MW
Laser class	Class 1

Always read and follow the instructions for use. Not all products, services or offers are approved or offered in every market. Please note that the current status of approval for the labelling, instructions and contents of the brochure may vary from one country to another.

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-)		

mm 12 mm

econd 3 mm (x-axis); 43 mm (z-axis)

pit

) monitor 20" or larger

JIREMENTS

nm		
'AC		

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CASIA2 Cornea/Anterior Segment OCT





You + eye. We care.





"CASIA2 IS SUCH A FANTASTIC PRODUCT. NEXT TO ALL ITS POSSIBILI-TIES IT BRINGS SO MUCH MORE COMFORT TO BOTH PATIENT AND DOCTOR."

Kathrin Benedikt

AREA SALES MANAGER, WESTERN EUROPE / EUROPE

CASIA2 Cornea/Anterior Segment OCT

The CASIA2 provides an impressive user experience with intuitive operation and automation, supported by an unbelievable measurement speed. Our software guides you through measurement, analysis and the final report. Get inspired now and see the eye from a different perspective.



Cornea Application

A topographic image is taken only in 0.3 seconds, providing high-quality images with no artifacts. The cornea can be displayed in different map types in a wide range of individual settings, either in 10 mm or 16 mm diameter. Scleral lens fitting is much easier than before.

Epithelium Map Application

With the new detailed epithelium map,* also available in sectors, the topography function is now more enhanced and provides advanced support for your treatment.





Cataract Application

The special Pre-OP Cataract application guides you towards the ideal preparation for your cataract surgery. It displays essential and necessary screening parameters for your preferred IOL choice.

The Post-OP application clearly visualises and documents the quality of your cataract surgery and provides you more information evaluating the outcome of your cataract surgery. The new colour camera enhances the check for toric IOL's by seeing the toric markers in different options for correct positioning of your toric lens. Furthermore, a new scan type is added for the Post-OP Cataract application (IOLSCAN), which enhances the view on the IOL tremendously.

Total Analysis

Anterior segment images and parameters of both eyes can be verified at a glance. In addition to the conventional pre- and post-operative examinations, CASIA2 can be used for daily clinical operation such as initial examination, follow-up treatment and obtaining informed consent. Each parameter is colour-coded to call attention if there is a difference between the left and right eye, or if it is within a specified range.

Pre-OP ICL

With two different integrated size recommendation formulas, this application enables the doctor to confirm the correct sizing for ICL surgery.

Post-OP ICL

The new Post-OP ICL movie function* controls the dynamic vault and shows the vault under mydriasis and miosis conditions as well as the relevant vault range difference. A fantastic tool for a proper quality check.

*available from version 60

Reference study: "Dynamic Assessment of Light-Induced Vaulting Changes of Implantable Collamer Lens with Central Port by Swept-Source OCT: Pilot Study" Dr. Felix Gonzalez-Lopez; Madrid, Spain.

> visit us tomey.de

STAR 360° & Glaucoma Application

With our STAR 360° application, the CASIA2 automatically measures the anterior chamber angles all around the anterior segment, thanks to its automatic scleral spur detection, and it provides you with specific paramaters needed to detect and treat glaucoma. With the new* added function "Narrow Angle Index" you immediately receive data about a possible narrow angle plus a referring index based on normative data. *available from version 60



CASIA2







