

DR. RAJENDRA PRASAD CENTRE FOR OPHTHALMIC SCIENCES
All India Institute of Medical Sciences
Ansari Nagar, New Delhi-29

Ref. No. SO/RPC/Proprietary/Swept OCT/2014-15

Dated: 16.06.2014

Subject: Purchase of Fourier Domain 3D Swept Source OCT– 02 Nos. for Unit-III & IV, Dr. R.P.Centre at AIIMS, New Delhi-29 on proprietary basis- Inviting comments thereon.

The request received from respective faculties of Dr. R.P.Centre AIIMS for the purchase of subject cited equipment from M/s. Tomey Corporation, Japan, on proprietary basis. The proposal submitted by M/s. Tomey Corporation, Japan and PAC certifications are attached & uploaded on website.

The above documents are being uploaded for open information to submit objections, comments, if any, from any manufacturer regarding proprietary nature of the equipment/item within 15 days from the date of issue/uploading of the notification giving reference **SO/RPC/Proprietary/Swept OCT/2014-15**. The comments should be sent to Stores Officer, Dr. R.P.Centre at AIIMS on or before **05.07.2014 upto 12.30 P.M.**, failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

Yours faithfully,

STORES OFFICER (RPC)

Encl: Related documents enclosed.

- 1. PAC Certificate enclosed.**
- 2. Specification of equipment.**

SPECIFICATION

Fourier domain 3D swept source OCT:-

Swept source laser, 1310 nm, (not less than)

Scanning speed 30,000 scans/ sec (Minimum)

Axial Resolution in anterior segment of ≤ 10 microns

Customizable Anterior Segment, AC angle & corneal high resolution map

3D and movie

Software for 3D evaluation of gonioscopy, topography, pachymeter and all related measurements.



TOMEY CORPORATION

2-11-33 Noritakeshinmachi Nishiku Nagoya 451-0051 Japan
Phone [+81]52-581-5327 Fax [+81]52-561-4735

Date: 2014/06/05

PROPRIETARY CERTIFICATE

I hereby certify to the best of my knowledge and belief that the Anterior Segment OCT CASIA Model:

SS-1000 Anterior Chamber Angle Imaging with Swept-Source Optical Coherence Tomography: Measuring Peripheral Anterior Synechia in Glaucoma is a proprietary product of Tomey Corporation, Japan, none of the other company manufactures the same.

M/S My Healthskape Medicals Pvt. Ltd. is authorized and our exclusive distributor for the same in India.

For details please check our attached brochure.

A handwritten signature in black ink, appearing to be "Koki Nishiwaki".

Koki Nishiwaki / General Manager
Tomey Corporation. International Dept.

**THE TOMÉY
CASIA SS-1000
FOURIER DOMAIN OCT**

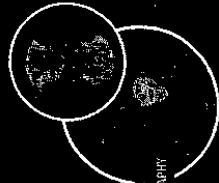


QUALITY IN DETAIL

With the CASIA SS-1000 Fourier Domain OCT you can take high-speed and high-resolution images in a variety of clinical situations. Due to the swept source technology, three dimensional data can be captured at a speed of 0.3 to 2.4 seconds with minimal motion artefact.

The SS-1000 measures 256 B-scans over the cornea which enables the real 3D view. The high density of the B-scans allows you an entire analysis of the anterior chamber.

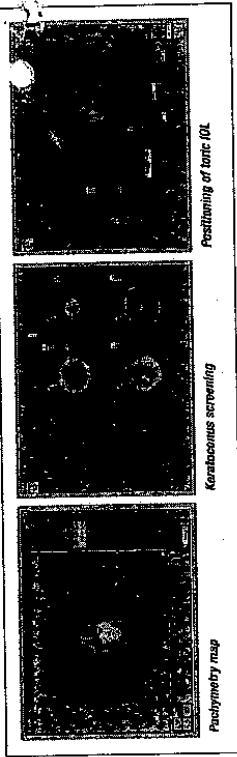
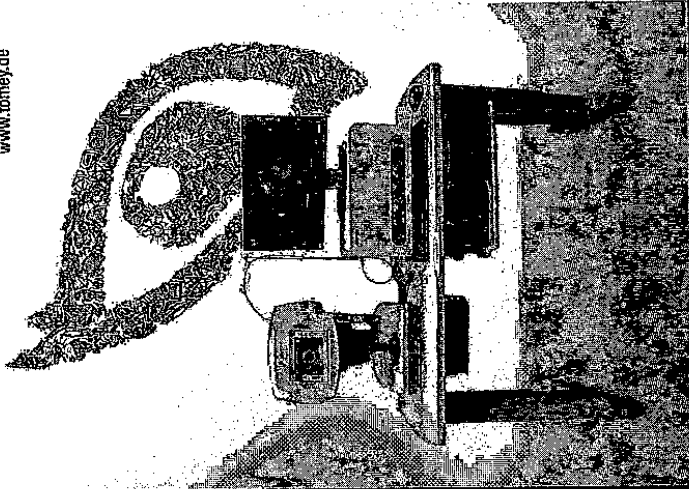
Since the SS-1000 is a non-contact system, you can take the images immediately after surgery. Corneal curvature, anterior chamber angle analysis, bih segment analysis, measurement of corneal thickness and anterior chamber depth and the anterior segment of an opaque cornea can be analyzed with various applications. Additional to the measurements values in the angle B-scans the SS-1000 provides you with a Topography and Pachymetry map of the surface of the cornea. The individual cornea power correction, considering all physical changes in the AC is quantified of axial calculation and reduction of the same cornea spot.



POCHYMETRY
plus TOPOGRAPHY

**A Picture is worth
a thousand words**

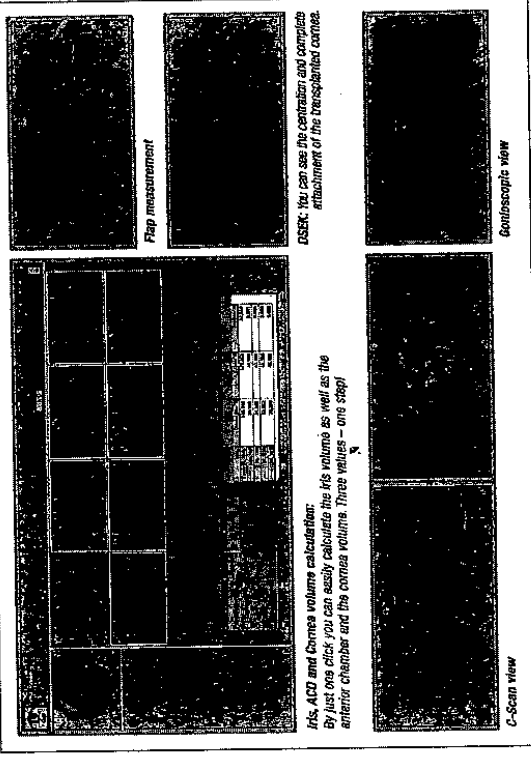
To see 3D videos and get more
information please visit our homepage:
www.tomey.de



Pachymetry map

Keratoconus screening

Postfixing of toric IOL



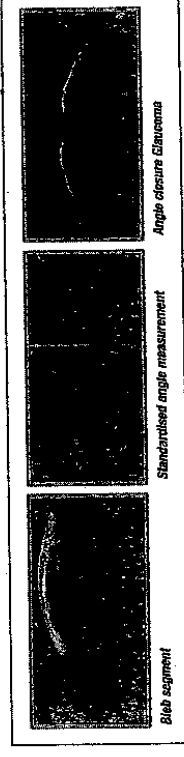
Iris, ACZ and Cornea volume calculation:
By just one click you can easily calculate the AC volume as well as the anterior chamber and the cornea volume. Three values - one step

Flap measurement

Biometric view

C-Scan view

Biometric view



Bih segment

Standardised angle measurement

Angle closure Glaucoma



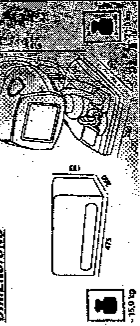
www.tomey.de

SPECIFICATIONS

3D SWEPT SOURCE OCT

MEASURING UNIT	Field (max): 19.0 in x 4.0 in x 16.0 in (max)
Resolution	Axial: 30 μm / 1.2 mm (0.5 mm)
Scan speed	30,000 A-scans / second
Scan range	16 x 19.8 mm
Stroke of moving section	89.12 mm (3.51 in)
Stroke of fibril rest	70 mm
Touch screen	8.4" color TFT
Dimensions (WxHxD)	360 x 450 x 610 mm
Weight	Approx. 27 kg
ALIGNMENT	Manual by operator or touch screen, auto alignment and lock
HEAD	
LIGHT-SOURCE UNIT	
Type	Swept source laser
Wavelength	1310 nm
Pulsed	Fourier domain
Output power	Less than 5 mW
Dimensions (WxHxD)	470 x 250 x 180 mm
Weight	Approx. 15 kg
POWER SOURCE	
Voltage	100 VAC - 240 VAC
Power consumption	50/60 Hz
Workstation Computer	120 W - 160 W
OS	Windows XP or Windows 7
GPU	1GB or higher
RAM	4 GB or higher
Hard disk	7200 RPM or higher
Data output	Printer (CANON / EPSON)
Display	19" color TFT (1500 x 1000)
Data support	LAM / DIC
Documentation	MS Word / Excel / PDF
Accessories	3000 A-scans / 100 frames / 100 frames
F-Off table	

DIMENSIONS



FOURIER DOMAIN OCT CASIA SS-1000

3D SWEPT SOURCE OCT

DELIGHT IN SIGHT

High speed autotracking measurement for anterior segment.



1-800-828-8888
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Email: info@tomey.co.jp

SS-1000 ANALYSIS

3D/2D ANALYSIS	Conjunction, cubeless, rotation, I/O
3D filters	Transparency, blur, edge/contrast, I/O/D
Maps	Refractive, topographic, thickness, I/O/D
Analysis	As / M / Avg
Measurement	Personal corneal curvature, anterior chamber angle, area / depth segment analysis, I/O/D, I/O/D ratio, anterior/posterior keratometric curvature, position of axis, I/O, I/O-D, angle analysis, ONLY (by using I/O, secondary)
Printed Screen	2D rotation view / 2D Scan view / 3D video

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