



# TOWARD $\pi$

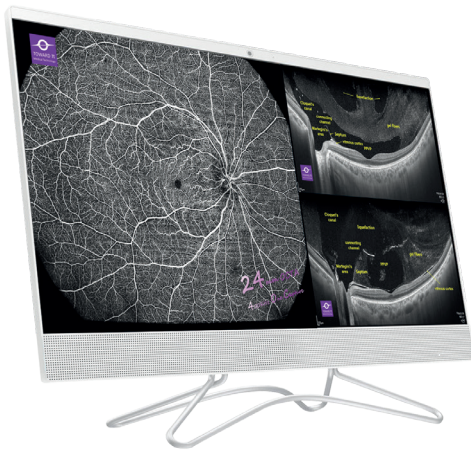
Medical Technology



**BMizar** **COMING SOON**  
Swept Source OCTA 400.000 A-Scans

Empowered by

**optohellas**<sup>®</sup>  
OPHTHALMIC EQUIPMENT

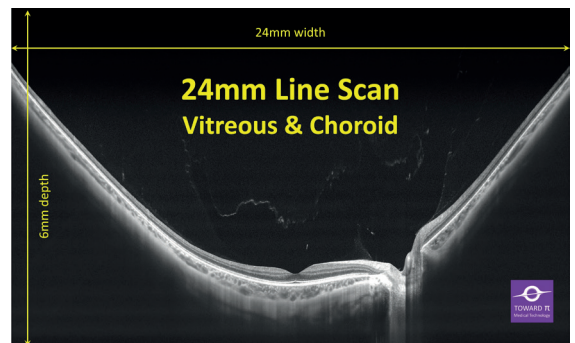


# BMizar

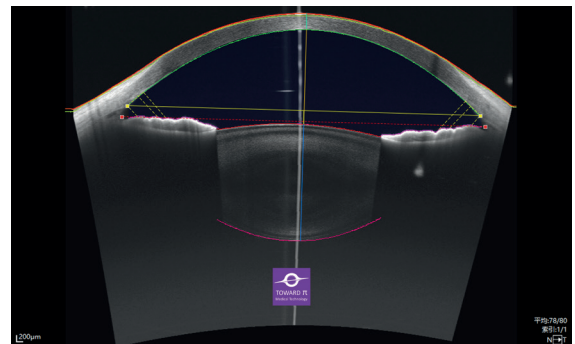
Swept Source OCTA 400,000 A-Scans

## Specification of TowardPi BMizar (BM-400K)

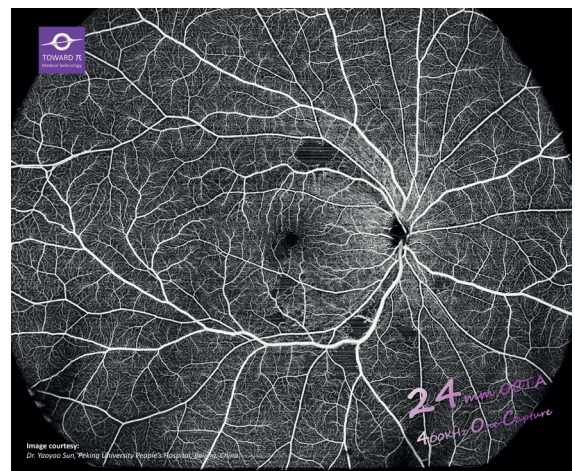
Product	Swept Source OCT
OCT Wavelength	Swept source 1060 nm
Fundus wavelength	SLO 840nm
* A-Scan speed	400,000/sec
* Resolution Axial	3.8 microns (optical)
* Resolution Lateral	10 microns (optical)
* Dioptic Range	-30D to +30D
* Field of view	81°x 68°
Eye tracking speed = 80 Hz	
Scan pattern (retina)	Line, Cross, Grid, Radial, Raster, 3D, OCTA
Scan pattern (glaucoma)	ONH, GMA, 3D, OCTA
Scan pattern (anterior)	Line, Radial (pachymetry), HD Radial, 3D, OCTA
* Posterior line scan length	3-24mm adjustable
* Anterior line scan length	3-16mm adjustable
* Posterior scanning depth	3mm, 6mm
* Anterior scanning depth	6 mm
* OCTA pattern (retina)	3x3mm to 12x12mm adjustable, 24x20mm
* OCTA pattern (anterior)	6x6mm, 16x12mm, adjustable
* OCTA line positions	512-1280
* Maximum A-scan numbers on B-scan	1536
* Maximum OCTA scan pattern	24 X 20 mm (single capture)
* Typical OCTA acquisition time	1.8s (3-6mm), 7.2s (12mm), 15s (24mm)
<b>Posterior analysis:</b> Automatic retina thickness & volume (customized slabs), Automatic choroid thickness & volume	
<b>Anterior analysis:</b> CCT, ACD, ACV, ARW, SSD, ACA, SSA, AOD, TISA, LV, CLR, ICL Vault, etc. All indexes can be measured automatically or manually.	
<b>OCTA slabs:</b> vitreous, superficial, deep, avascular, retina, choriocapillaris, choroid big vessels, customized.	
<b>OCTA analysis:</b> Retina flow density, FAZ indexes, flow area, choriocapillary density, choroid flow density	
<b>Glaucoma analysis:</b> Disc area, rim area, cup volume, C/D ratios, RNFL thickness, ganglion cell complex thickness	
<b>Anterior image dewarp</b>	support
Vitreous enhanced mode	support
Auto repeat position for follow up	support
OCTA projection removal	3D full thickness
OCTA disc mode	Support (Independent segmentation and analysis)
<b>Segmentation editing</b>	Algorithm assisted automatic calibration
<b>OCTA report instant opening</b>	Support
<b>Report preview (from patient list page)</b>	Support
OCTA montage	auto or manual
<b>Data compression of OCTA raw data</b>	10X times
Trend analysis	available for OCT & OCTA quantification scans
Operation	Mouse
<b>Software Upgrade</b>	Online or manual
Network review	support (DICOM or viewer)



24mm Length HD Line



AS Line Calibers



24mm SVC



**TOWARD  $\pi$**   
Medical Technology

We are here to redefine the standards  
of Optical Coherence Tomography, worldwide!