



One vision, Two sharp eyes
with Our Innovation

UD-8000

Ultrasonic B Scanner



- Unique Probe and Components
- High-resolution
- Versatile Functions
- 60MHz (UBM)
- Membrane cap (Disposable)

UD-8000 SPECIFICATIONS

[15MHz Probe]

Focus		Dynamic Focus
Frame rate	Basic mode	22 frame / sec
	High Sensitive mode	11 frame / sec
Maximum number of pages in a movie		400 pages x 2
Images display range	Standard	42mm / 52° (at ultrasound velocity=1550 m/sec)
	Wide	54mm / 52° (at ultrasound velocity=1550 m/sec)
Color scale		256 scale level
Scan type		Sector scanning
Transducer type		Annular array
Transducer frequency		15MHz

[60MHz Probe]

Frame rate	Basic mode	10 frame / sec
	High Sensitive mode	7 frame / sec
Maximum number of pages in a movie		100 pages x 2
Images display range		9mm(W) x 7mm(D) (at ultrasound velocity=1550 m/sec)
Color scale		256 scale level
Scan type		Linear scanning
Transducer type		Single
Transducer frequency		60MHz

Dimensions and weights

Dimension	398(W)x359(D)x456(H)mm
Weight	15kg

Display

TFT LCD	15 inches, color touch screen
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Data output type

LAN/HDMI / USB-Hx3 / USB-Dx2

Power source

Input Voltage	100-120V / 220-240VAC
Frequency	50/60Hz
Power Consumption	125/125 VA



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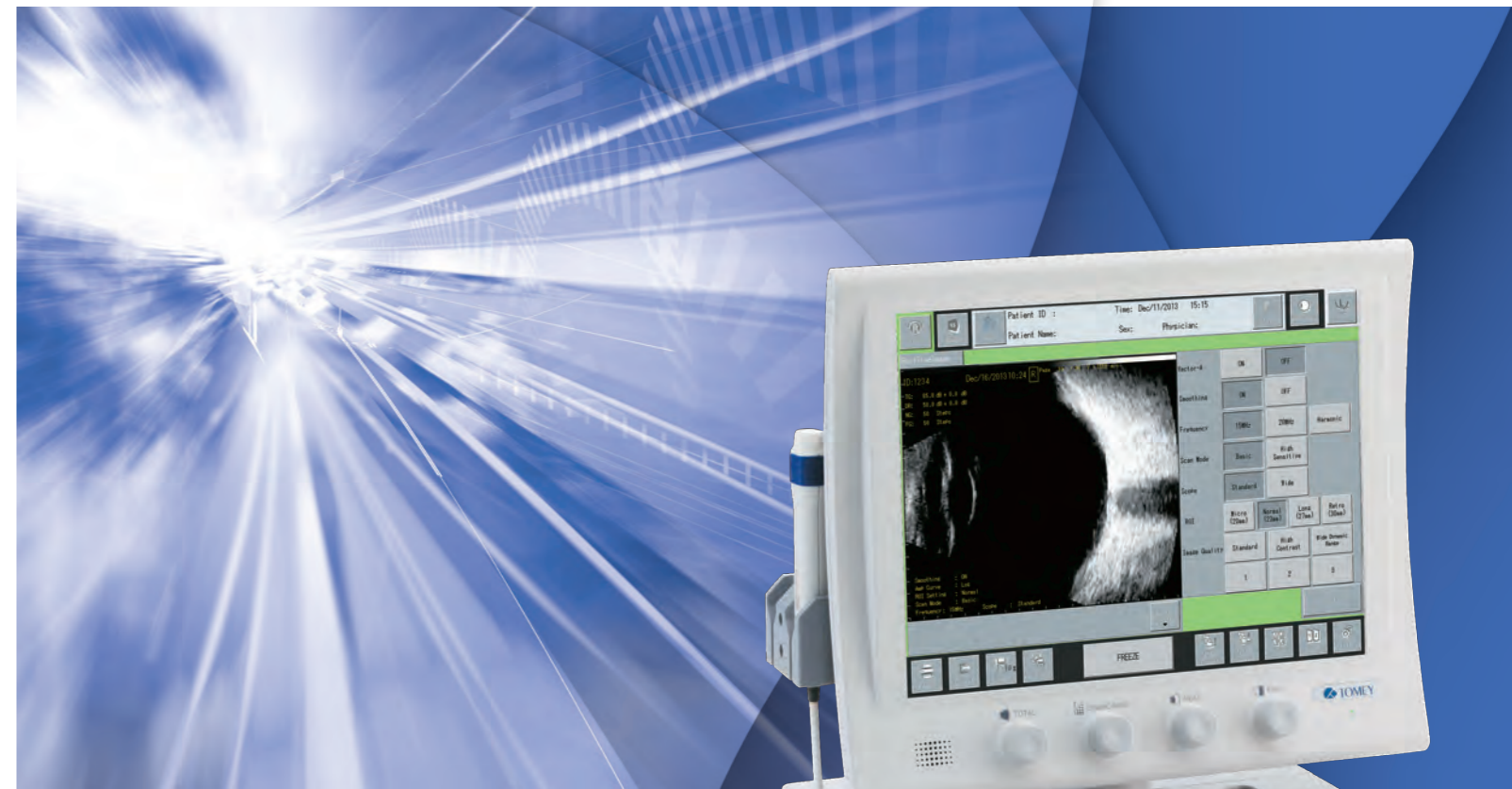
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Ultrasonic B Scanner

Full Digital Ultrasonic Technology



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UD-8000

Ultrasonic B Scanner

“Ergonomic Design and Intuitive Software For All Digital Generations”

Unique Probe and Components

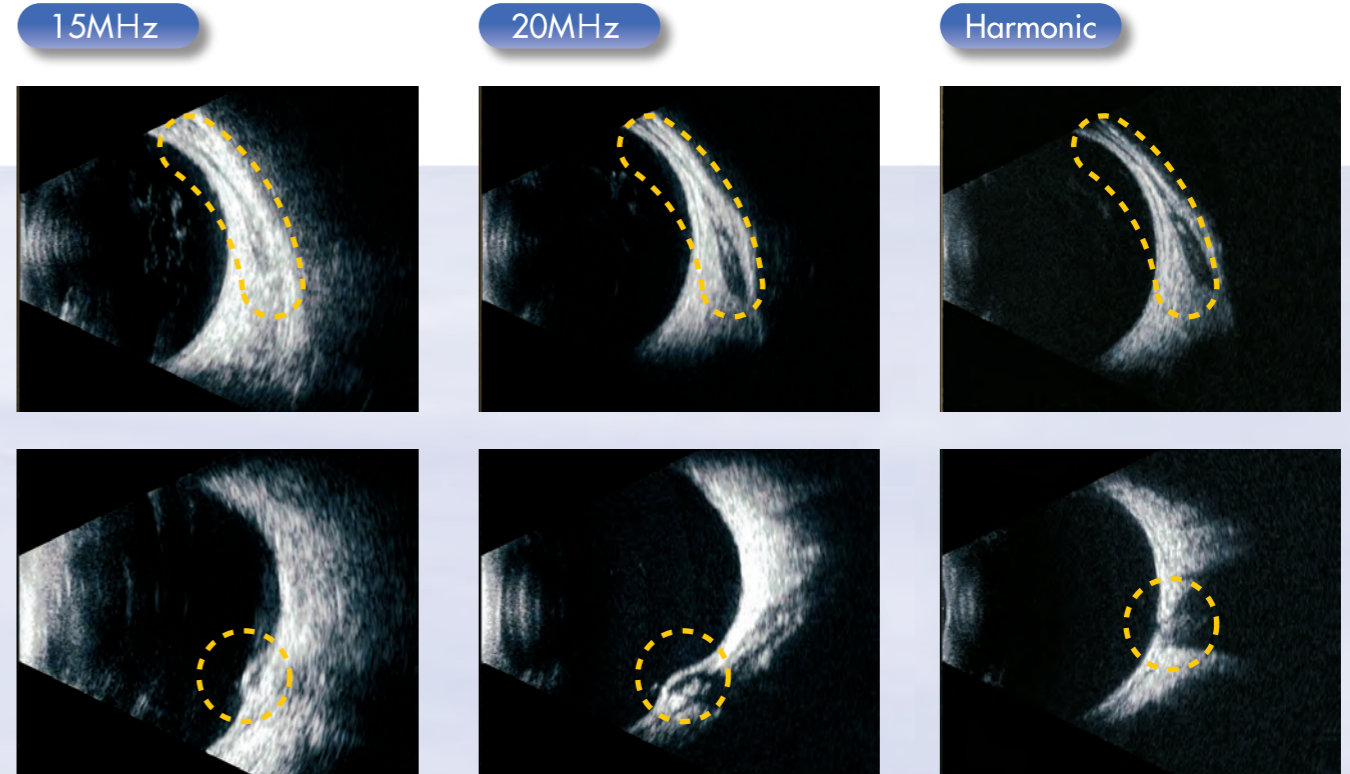
Up to 4 probes
B-Scan: 15MHz(20MHz),
Switching Frequency in 15MHz B-Probe (15MHz, 20MHz, Harmonic)
*Options : 60 MHz(UBM) Probe
AL-4000 (A-Probe/A-Diagnostic, Pachymeter Probe)

Extra High-resolution

5 Rings Annular Array B-Probe
Wide Dynamic Range of 2 Gradual transmissions
and 6 Gradual Receptions for Dynamic Focus

Versatile Functions

- 15" TFT Color Touch Screen Operation
- Scope mode (Standard:42mm, Wide:54mm)
- ROI setting (Micro, Normal, Long, Retrobulbar)
- B-Axial (Biometry support function)
- Automated Video Recording
(Maximum of 400 images of the 15MHz B-Probe
or maximum of 100 images of the 60MHz UBM Probe)
- Zoom (5 steps/100%, 125%, 150%, 200%, 300%)
- Area, Distance and Angle Calculation
- R/L Display
- Dual Display
- Thumbnail Images
- Group Save, Group Export
- On Screen annotation
- Vector Mode-A
- USB Memory



Presented by Fukuoka University, Japan
Faculty of Medicine, Department of Ophthalmology

15MHz B-Probe



Option

60MHz(UBM)

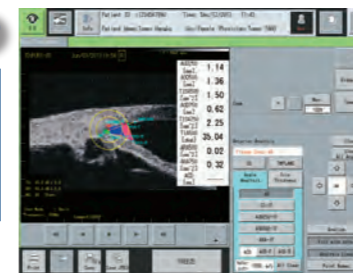
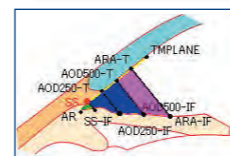
Linear Scanning
Membrane cap (Disposable)
provides fast and easy testing
without water bath



UBM



Angle Analysis



Iris Analysis

