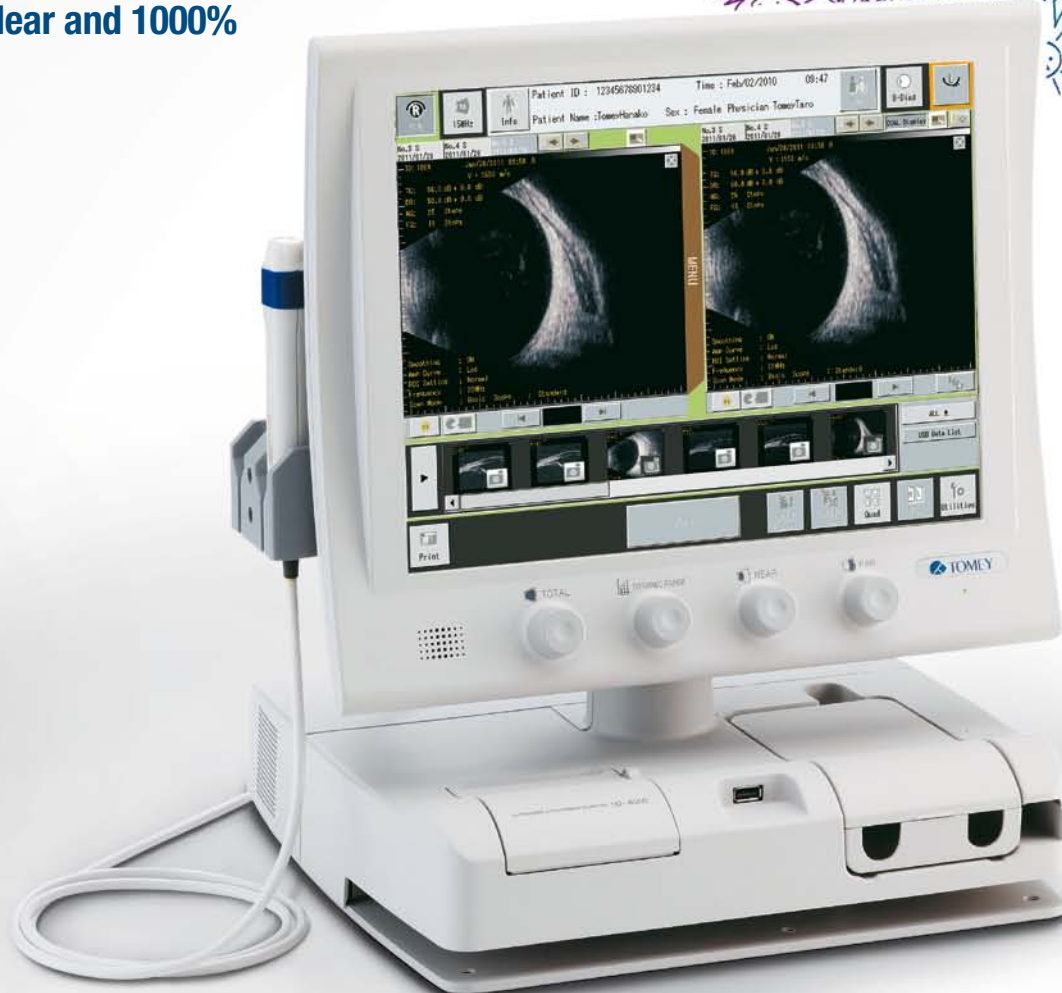


ULTRASOUND DEVICE UD-8000

MODULAR B-SCAN SYSTEM

DELIGHT IN SIGHT

Outstanding B-scan images.
Detailed, clear and 1000%
reliable.



- Annular array multi-frequency B-probe
- High resolution touch-screen operation
- Video recording and analysis function
- Data communication via USB or LAN
- Docking station Bio- / Pachymeter (AL-4000, optional)
- UBM 60 MHz B-probe (optional)

 **TOMEY**
TECHNOLOGY AND VISION

THE TOMEY ULTRASOUND DEVICE UD-8000



QUALITY IN DETAIL

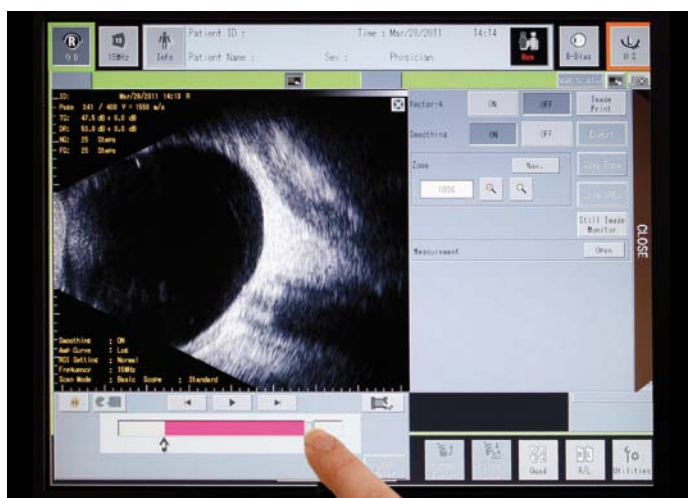
The **UD-8000** was developed to satisfy all your expectations. Features like the new generation of annular array probes, high resolution touch-screen operation or data communication via USB or LAN make this device easy in handling as well as efficient and fast in operation.

To upgrade the unit to an ultimate ultrasound workstation you can connect the **AL-4000** Bio/Pachymeter (optional) to the **UD-8000**.

B-scanner, Biometer, Pachymeter and A-Diagnostic – all in one.

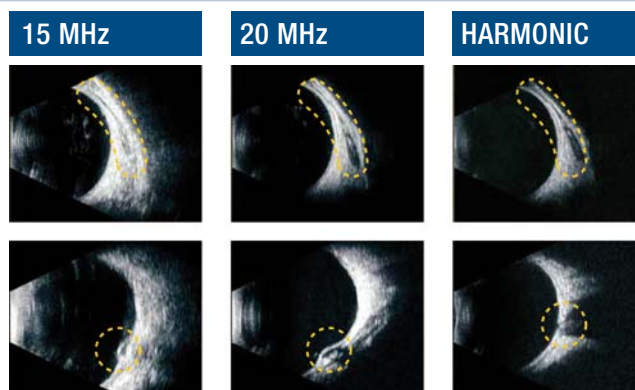
INNOVATIVE VIDEO ANALYSIS FUNCTION

The intuitive touch-screen operation including video analysis function offers you many options like variable scope mode (standard: 42 mm, wide: 54 mm), automated video recording with several calculations (area, distance and angle) and individual video editing.



MULTI-FREQUENCY B-PROBE

The standard probe is a multi-frequency probe which is switchable from 15 MHz to 20 MHz within the measurement. Additionally you have a harmonic wave analysis for more details with the identical penetration – all in one probe!



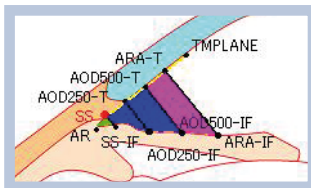
Presented by Fukuoka University, Japan
Faculty of medicine, department of ophthalmology

DELIGHT IN SIGHT

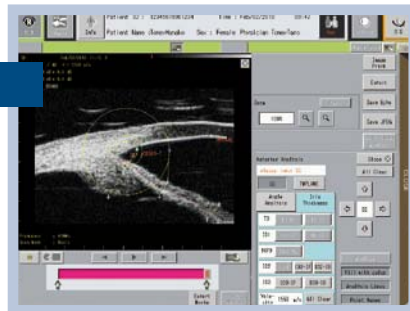
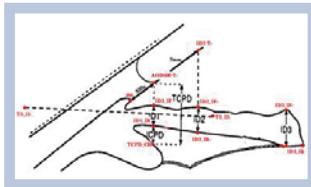
60 MHZ UBM (OPTIONAL)

Membrane waterproofed cap (disposable) provides fast and easy testing without the need of a water bath. Due to this technology you are able to examine your patient in an upright position.

ANGLE ANALYSIS



IRIS ANALYSIS



MEMBRANE CAP

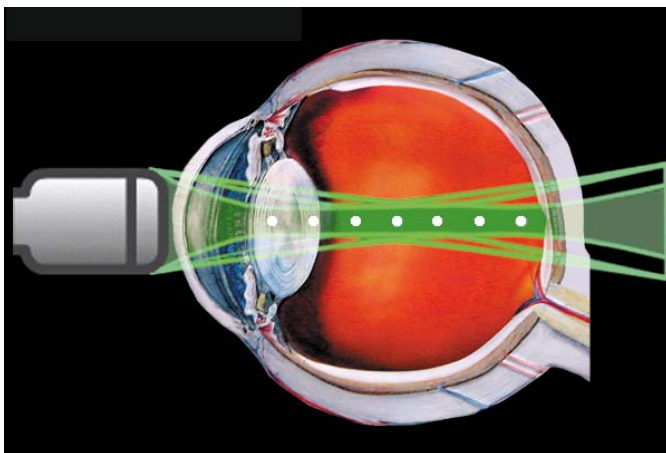


UBM



DYNAMIC FOCUS

Compared to standard linear scanners (with only one focus plane) our Tomey annular array technology provides amazingly detailed and clear B-scan images of the entire eye thanks to its five focal planes.



A-DIAGNOSTIC (OPTIONAL)

The ultimate solution for a complete ultrasound device. Just use the surface of the UD-8000 with the software of the AL-4000 incl. A-Diagnostic (optional) to fulfil all your needs.



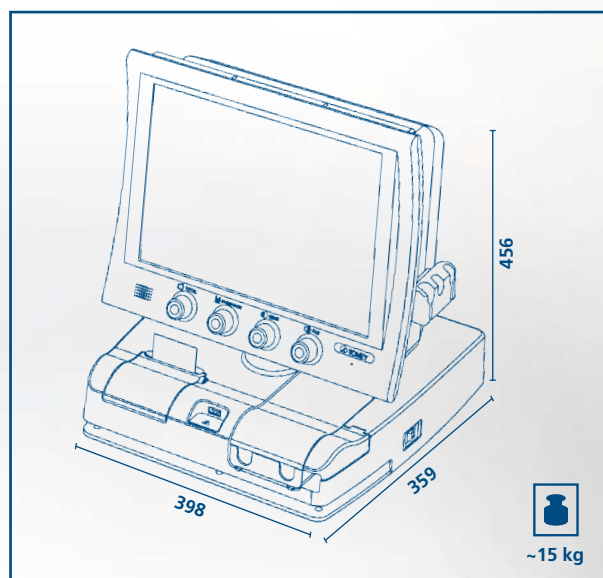
SPECIFICATIONS

15 MHZ B 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
Image display range	
Standard	42 mm / 52° (at ultrasound velocity = 1550 m/sec)
Wide	54 mm / 52° (at ultrasound velocity = 1550 m/sec)
Colour scale	256 scale level
Scan type	Sector scanning
Transducer type	Annular array
Transducer frequency	15 MHz
60 MHZ UBM 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
Image display range	9 mm (W) x 7 mm (D) (at ultrasound velocity = 1550 m/sec)
Colour scale	256 scale level
Scan type	Linear scanning
Transducer type	Single
Transducer frequency	60 MHz
DIMENSIONS AND WEIGHTS	
Dimension (WxDxH)	398 x 359 x 456 mm
Weight	15.0 kg
DISPLAY	
TFT LCD	15", colour touch screen
POWER SOURCE	
Input voltage	100-120 V / 220-240 VAC
Frequency	50 / 60 Hz
Power consumption	125 / 125 VA



UD-8000 with 60 MHz UBM Probe and AL-4000 Bio/Pachymeter

DIMENSIONS



2011/09 - subject to change without notice

TOMEY EUROPE
TOMEY GmbH
Am Weichselgarten 19a
91058 Erlangen, Germany

Phone +49 9131 777 10, Fax +49 9131 777 1 20
Email info@tomey.de

TOMEY ASIA-PACIFIC
TOMEY CORPORATION JAPAN
2-11-33 Noritakeshinmachi
Nishi-ku, Nagoya 451-0051, Japan

Phone +81 52 581 5327, Fax +81 52 561 4735
Email intl@tomey.co.jp

TOMEY
TECHNOLOGY AND VISION

www.tomey.de