ULTRASOUND DEVICE UD-800

MODULAR A/B-SCAN SYSTEM

DELIGHT IN SIGHT

All in one. For complete ultrasound diagnostic needs.



- Modular configurable
- Internal database
- Biometer A-scan 10 MHz
- 10 MHz 2-ring array B-probe
- Pachymetry (optional)
- UBM 40 MHz B-probe (optional)
- A-diagnostic probe (optional)
- Connectable to 0A-2000



THE TOMEY ULTRASOUND DEVICE UD-800



QUALITY IN DETAIL

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

The **UD-800** 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 makes this device easy in handling and efficient and fast in operation.

Simply choose all your needed features! With its included 10 MHz unique 2-ring array B-Scan probe and the A-Scan biometry probe the UD-800 is a fantastic basic tool for a high end performance.

An intuitive software guides you easily through all measurements, which can be printed out (internal printer as well as external printer). Or just simply save the data on the internal database or on the PC. With the DICOM conform export hospital networks are no problem anymore or just simple pure data export, it is your choice.

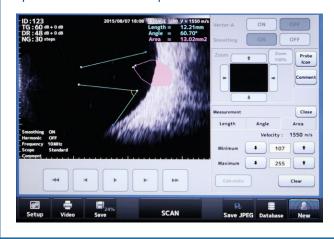
FIVE PROBES

Decide for more options now or later – with the optional 40 MHz linear UBM or 20 MHz Pachymetry probe – they are all easy to attach. Even A-diagnostic with the log, linear or S-mode is no problem.



UNIQUE 10 MHZ 2-RING ARRAY B-PROBE

Advanced vitreous diagnostic examination due to our new optimised wide field tissue penetration mode.



INTERNAL DATABASE

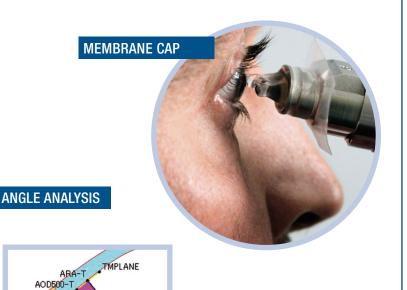
You can simply save the data on the internal database or on the PC.



40 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 with much more comfort – for you and your patient.







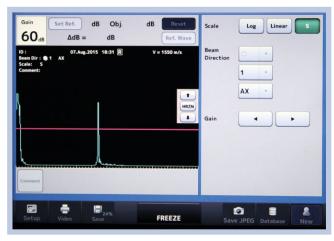


Biometry

IOL calculation

AOD250-IF

AOD250-T



μm Average SD Meas. Point: CCT 481 µm $10.2\,\mu\text{m}$ 484 6 484 493 7 479 300 - 1000µm Meas. Range 8 3 481 481 Data Display Actual 482 9 486 Velocity 1640m/s 5 483 10 452 Data Selection : Latest Delete Caliper Meas. Point IOP

Standardised A-diagnostic with S-mode

Pachymetry with central and map function

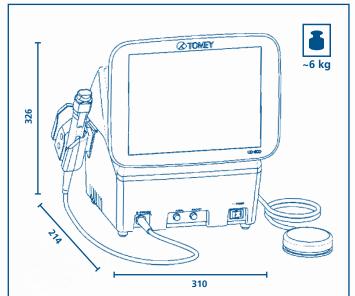


SPECIFICATIONS

20 frames/sec 200 pages x 2 35.2 mm/52°
35 2 mm / 52°
35 2 mm / 52°
00.2 111117 02
(at ultrasound velocity = 1,550 m/sec)
48.0 mm / 52°
(at ultrasound velocity = 1,550 m/sec)
0.6 mm / ±0.5 mm
0.6 mm / ±0.5 mm
131 lines (step by 0.4°)
256 scale level
G
10 frame/sec
100 pages x 2
9 mm (W) x 7mm (D) (at 1,550 m/sec)
0.05 mm / ±0.1 mm
0.02 mm step (at 1,550 m/sec)
450 lines (step by 0.02 mm)
256 scale level
STATE PROBE
ION LED
45.00 mm
0.01 mm/±0.1 mm
Haigis standard
Haigis optimised
Hoffer ®Q
Holladay 1
SRK II
SRK/T
SRK SHOWA
Shammas-PL
SRK/T Double K
NHZ SOLID STATE PROBE
60 mm
0.01 mm/±0.1 mm

Measurement range	150 to 1,500 μm
Measurement resolution/accuracy	1 μm /±5 μm
Percent bias	60 to 130%
Plus minus bias	-600 to +450 μm
Velocity range/standard	1,400 to 2,000 m/s / 1,640 m/s
CONNECTORS	
USB 2 x standard 2 x OA-2	000/PicBrigde
	000/PicBrigde
USB 2 x standard 2 x 0A-2 DIMENSIONS AND WEIGH	нт
USB 2 x standard 2 x OA-2 DIMENSIONS AND WEIGH Dimension WDH	000/PicBrigde HT 310 x 214 x 326 mm
USB 2 x standard 2 x OA-2 DIMENSIONS AND WEIGH Dimension WDH Weight	000/PicBrigde HT 310 x 214 x 326 mm
USB 2 x standard 2 x OA-2 DIMENSIONS AND WEIGH Dimension WDH Weight DISPLAY	######################################
USB 2 x standard 2 x OA-2 DIMENSIONS AND WEIGH Dimension WDH Weight DISPLAY TFT LCD	######################################
USB 2 x standard 2 x OA-2 DIMENSIONS AND WEIGH Dimension WDH Weight DISPLAY TFT LCD POWER SOURCE	HT 310 x 214 x 326 mm 6.0 kg 10.4 inches, colour touch screen

DIMENSIONS





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