



Forever Medical

Ophthalmic A/B scan ODU5



General Parameter:

1. Adopt ARM9 Embedded Control Systems, FPGA signal processing system and elaborate selected ultrasonic hardware system..
2. 10.4 inch high resolution LCD screen.
3. Menu operation Language: Chinese/English.
4. Double probe sockets.
5. A mode probe: 10MHz, imported probe with fixation light.
6. B mode probe: 10MHz, imported transducer.
7. Display mode: B, B/B, 4B, B/A, A.
8. Gains range: 0--120dB.
9. Dynamic range: 30-100dB, visual and adjustable.
10. Gray: 256.
11. Intelligent TGC adjustment: 8 segments.
12. Build-in D disk: 4GB, save mass data, images, reports, etc.
13. Report function: print screen, IOL report, case report with picture, etc.

A scan parameter:

Resolution:	0.01mm.
Gain adjustable:	0-120dB.



Measurement range:	12-43mm(1640m/s).
Accuracy:	±0.02mm.
Eye mode:	normal/aphakia/dense cataract/PMMA, Acrylic & Silicon for Pseudo Phakic eyes.
Measuring Mode:	Contact and Immersion, automatic and manual.
Measurement methods:	A single-point measurement(under A mode); five-point measurement(under A mode).
Calculation:	std. deviation, average, automatical measuring 8 groups and average, accompany waveform, results correctable.
IOL Formula:	SRK-II, SRK-T, BINKHORST,HOLLADAY, HOFFER-Q, HAIGIS.

B scan parameter:

Scan mode:	High accuracy stepping motor drive sector scan.
Scan Angle:	53°.
Display Depth:	0~56mm.
Gray:	256.
Depth seletion:	8.
Frame correlation:	4.
Edge enhancement:	4.
Compression Curve:	4.
Post-processing:	8.
image storage:	100 frames permanent image storage.
General Measurement:	multi-electronic-rule to measure distance, circumference, area(trace method, ellipse method),volume (ellipse method), angle , histogram, profile , stenosis and curvature etc.



Standard Configuration:

1	Main unit: 1 pc
2	10MHz mechanical sector B probe: 1 pc.
3	10MHz A probe : 1 pc.
4	Network cable: 1pc
5	Foot switch:1 pc
6	Workstation software

Optional Configuration:

1	Large lithium battery 4400mAh
2	Video Recorder
3	Ethernet switch
4	Immersion Shell
5	Print Box

Accessories



10MHz A-scan probe



10MHz B-scan probe



Foot switch



Immersion shell