

Bioscale



A-scan

Touch screen table top A-scan

DIAGNOSIS

- Axial Length Measurement
- Depth of anterior chamber
- Thickness of lens

AESTHETICS

- Compact and light weight
- Ultra light weight probe

ATTRACTIVE FEATURES

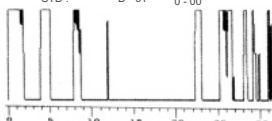
- Calculating IOL power using 6 formulae
- Built in thermal printer
- Contact & Immersion modes

USER FRIENDLY

- Easy to use touch screen

A-Scan



MEASUREMENT & IOL CALCULATION			
Patient : 000000		ID : 000000	
Doctor : 000000		Date : 000000	
OD : (RIGHT)			
K1 42.00 D LENS : CATARACT			
K2 42.50 D GAIN : 70%			
MODE : CONTINUOUS			
LT	AC	AL	
4 - 07	3 - 61	21 - 69	
4 - 01	3 - 61	21 - 69	
4 - 01	3 - 61	21 - 69	
4 - 01	3 - 61	21 - 69	
3 - 96	3 - 61	21 - 69	
3 - 96	3 - 61	21 - 69	
3 - 96	3 - 61	21 - 69	
4 - 01	3 - 65	21 - 69	
3 - 96	3 - 61	21 - 69	
4 - 07	3 - 61	21 - 69	
AVG : 3 - 61 21 - 69 STD : D - 01 0 - 00 			
10 L CALCULATION			
Formula : SRK-II		HAGIS	
Const : 118.50 (A)		118.50 (A)	
IOL	REF	IOL	REF
26 - 50	+0 - 60	30 - 50	+0 - 72
27 - 00	+0 - 20	31 - 00	+0 - 36
27 - 50	-0 - 20	31 - 50	+0 - 03
28 - 00	-0 - 60	32 - 00	-0 - 32
28 - 50	-1 - 00	32 - 50	-0 - 68

A-Scan Specification

Clinical Accuracy :

- New enhanced algorithms for rapid measurement
- 5 measurements presented on a single screen
- Multiple velocities and lens type for higher accuracy
- Statistical analysis of axial length, vitreous, anterior Chamber depth and lens thickness
- Continuous and manual readings

Data analysis :

- Edit scan data to IOL power calculations
- ALL current generation IOL power calculation formulae
- View multiple power calculations using different formulae in a single screen

Transducer :

- Frequency : 10MHz +/- 10%
- Clinical accuracy : (+1/-) 0.1 mm
- Theoretical accuracy : (+/-) 0.05 mm
- Axial length : 15 - 40 mm
- Gain range : 127db
- Fixation light : Internal fixation RED

Measurement modes :

- Contact & Immersion

IOL Power calculation formulas :

SRK T, Binkhorst II
SRK II, Hoffer Q
Holladay, Haigis-STD

Eye Modes :

- Normal
- Dense
- Aphakic
- PMMA
- Silicone
- Acrylic

Standard accessories :

- Solid tip transducer with fixation light
- Built - in test cylinder
- User manual
- Foot pedal
- Printer Paper - 2 Rolls
- Power cable

Print out:

- Thermal print out

Power supply

- Universal

Data feeding and menu selection:

- Touch screen

AKAS

Caring 6 billion people

AKAS Medical

240/1, Periya colony, Athipet,
Ambattur, Chennai- 600 058.

www.akasmedical.com

Cel : +91-98403 79116

Tel : +91-44-3253 3333

Fax : +91-44-2635 0030

enquiry@akasmedical.com