

Bioscale

A-Scan

Touch Screen Table Top

Diagnosis

- Axial Length measurement
- Depth of anterior chamber
- Thickness of lens
- Standard deviation

Features

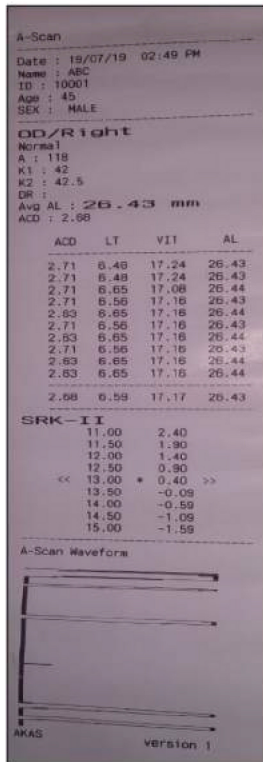
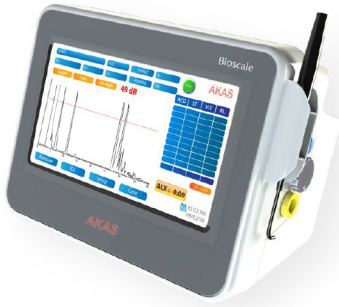
- Calculating IOL power using 6 formulae
- Built-in thermal printer
- 100 patients data
- Auto delete wrong readings with Artificial Intelligence
- USB port for PC printers

Aesthetics

- Compact and light weight
- Ultra light weight probe
- Easy to use touch screen



A-SCAN SPECIFICATION



Clinical Accuracy:

- New enhanced algorithms for rapid measurement
- 10 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:

- All current generation IOL power calculation formulae
- View multiple power calculations using different formulae in a single screen

Transducer:

- Frequency : 10MHz +/- 10%
- Clinical accuracy : +/- 0.1 mm
- Theoretical accuracy : +/- 0.05 mm
- Axial length : 15 - 40 mm
- Gain range : 100 dB
- Fixation light : Internal fixation LED

IOL Power Calculation Formulae:

- | | |
|-------------|-----------------|
| 1) SRK T | 4) Binkhorst II |
| 2) SRK II | 5) Hoffer-Q |
| 3) Holladay | 6) Haigis STD |

Eye Modes:

- | | |
|------------|-------------|
| 1) Normal | 5) Silicone |
| 2) Dense | 6) Acrylic |
| 3) Aphakic | 7) Custom |
| 4) PMMA | |

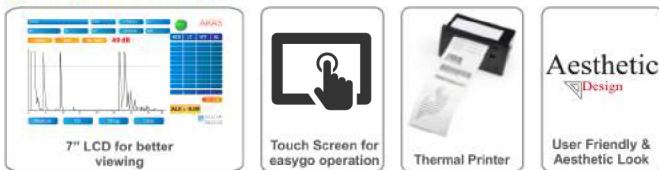
Standard Accessories:

- Solid tip transducer with fixation light
- Built-in test cylinder
- User manual
- Foot pedal
- Printer paper - 4 Rolls
- Power cable

Other:

- Measurement mode : Contact and Immersion
- Print out : Thermal print out
- Power supply : Universal
- Data feeding / Menu selection : 7" touch screen

Salient Features



AKAS
TECHNOLOGIES

AKAS Technologies

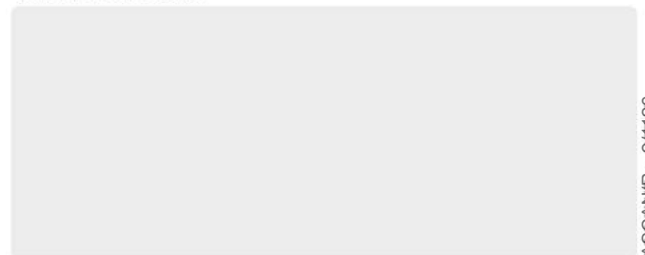
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