

Patented. Trusted.

Unbeatable.



VISION MINI

THE ULTRASOUND A-SCAN BIOMETER

A-Scan biometry uses ultrasound for precise eye measurements, aiding in diagnosing visual disorders and determining IOL power for cataract surgery. It also measures anterior chamber depth and lens thickness.



INNOVATIVE OPHTHALMIC SOLUTIONS FOR PRECISION CARE

Leighis Solutions provides state-of-the-art ophthalmic diagnostic and surgical equipment designed to enhance precision and efficiency in medical practices. Our products incorporate cutting-edge technology to ensure accuracy, reliability, and affordability for healthcare professionals.

LEIGHIS SOLUTIONS

Vision Mini Portable

OPHTHALMIC IMAGING DEVICE

The Vision Mini is a compact and portable ophthalmic imaging system designed for real-time diagnostics and eye examinations. Ideal for hospitals, clinics, and mobile eye care units, it delivers high-resolution imaging for improved diagnostic accuracy and patient care.

HIGH-RESOLUTION IMAGING

LONG BATTERY LIFE

PORTABLE & LIGHTWEIGHT

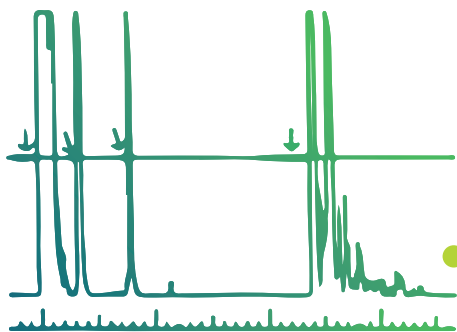
USB CONNECTIVITY

AI-POWERED DIAGNOSTICS



SUPPORTS A-SCAN BIOMETRY

The Vision Mini integrates A-Scan biometry, providing precise axial length measurements essential for IOL power calculations in cataract surgery. The included A-Scan biometer echo pattern ensures accurate tissue differentiation, improving diagnostic outcomes.



TECHNICAL SPECIFICATIONS

TRANSDUCER PROBE

FREQUENCY	10 MHz + 10%
FIXATION	Internal RED LED
ELECTRONIC RESOLUTION	0.02 mm
ACCURACY	±0.04 mm

DATA MANAGEMENT

DOCTOR PROFILES	5 Profiles
IOL RECORDS	24/ Doctor
PATIENT RECORDS	40/ Doctor
READINGS STORAGE	20/Patient (10/ Eye)

IOL POWER CALCULATION

SRK-T
SRK - II
HOLLADAY
BINKHORST - II
HOFFER - Q
HAIGIS

POST REFRACTIVE SURGERY FORMULAS

DOUBLE-K/SRK-T
HISTORY DERIVED
REFRACTION DERIVED
CONTACT LENS METHOD
ROSA METHOD
SHAMMAS METHOD

GENERAL

POWER	5V DC, 4A (Adapter)
DIMENSIONS (W X H X D)	8" x 5.5" x 2.5"
WEIGHT	1.25 Kg approx.

ACQUISITION MODES

AUTO + SAVE
AUTO
MANUAL

ACQUISITION TECHNIQUES

CONTACT
IMMERSION

MEASUREMENT RANGE

15 TO 45 MM AXIAL LENGTH

DISPLAY

7" TFT DISPLAY WITH TOUCH SCREEN

PERIPHERALS & ACCESSORIES

USB THERMAL PRINTER
FOOTSWITCH
POWER ADAPTER (5V, 4A)
IMMERSION SHELL WITH TUBING
PENDRIVE

BATTERY

12 HOURS BATTERY BACKUP USING 20000 MAH POWERBANK*
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*capacity varies from manufacturer to manufacturer

EXCLUSIVE FEATURES



PREMIUM ALUMINUM DESIGN

Vision Mini's all-metal body sets the premium biometry standard.



USER-FRIENDLY INTERFACE

7" TFT touchscreen for intuitive, easy operation.



PORTABILITY

Smallest table-top biometer, fits in a DSLR-sized bag.



MULTIPLE EXPORT OPTIONS

Export data via an external USB thermal printer or Pen-drive.



ADJUSTABLE VIEWING ANGLE

Offering two viewing angle settings, ensuring installation flexibility at any height.



CUSTOMIZABLE THEME OPTIONS

Tailor the device's appearance with customizable themes to suit your preference.



BEST-IN-CLASS ACCURACY

High accuracy ± 0.04 mm, 0.02 mm resolution at 1550 m/s.



12 HOUR BATTERY BACKUP*

With a 20000 mAh power bank support for extended usage.



BUILT-IN AI ALGORITHM

Enhancing productivity with its integrated AI algorithm.



SEAMLESS SOFTWARE UPDATE

Upgrade via USB—no expertise or internet needed, ready in minutes.



SEPARATE "SCREENING" MODE

A dedicated mode for quick patient examinations.

GET IN TOUCH



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