



# VISION MINI

## THE ULTRASOUND BIOMETER

A-scan biometry, often called A-scan, employs ultrasound technology for precise diagnostic testing. It accurately measures eye length, aiding in diagnosing common visual disorders. Moreover, it's invaluable in cataract surgeries, facilitating the determination of the intraocular lens (IOL) power for artificial implantation. In addition to eye length, it assesses anterior chamber depth and lens thickness.



## About Us

Leighis Solutions is a leading medical equipment company specializing in the manufacturing & distribution of state-of-the-art diagnostic and surgical products.

With a primary focus on the field of Ophthalmology, we are committed to expanding our presence and offerings in other healthcare segments. Our journey has been defined by our dedication to providing advanced and affordable medical equipment solutions to the global medical community.

## Our Story

Founded with a passion for revolutionizing healthcare, Leighis Solutions embarked on a remarkable journey to bridge the gap between cutting-edge technology and the medical community's needs. Our inception was driven by a vision to enhance patient care and empower healthcare professionals with the tools they need to excel.

## Our Infrastructure

At Leighis Solutions, a leading Medical Devices Manufacturer and Distributor, we proudly showcase a robust infrastructure designed to meet the ever-growing demands of the market. Our state-of-the-art facilities are equipped to handle a multitude of orders efficiently and effectively, ensuring that we consistently deliver top-quality medical devices to our valued clients.

What sets us apart is not only our commitment to excellence but also our advanced infrastructure, powered by cutting-edge machinery and a dedicated team of skilled professionals. This powerful combination allows us to meet the market's demands with precision and expertise. Whether it's state-of-the-art medical devices or impeccable service, our advanced machines and manpower are the cornerstones of our success, ensuring that every product we deliver reflects our unwavering commitment to quality and innovation.

# TECHNICAL SPECIFICATIONS

## TRANSDUCER PROBE

Frequency 10 MHz + 10%

Fixation Internal RED LED

Electronic Resolution 0.02 mm

Accuracy  $\pm 0.04$  mm

## DATA MANAGEMENT

Doctor Memory 5 Profiles

IOL Memory 24/ Doctor

Patient Memory 40/ Doctor

Readings Memory 20/Patient (10/ Eye)

## IOL POWER CALCULATION

## POST REFRACTIVE SURGERY FORMULAS

SRK-T Double-K/SRK-T

SRK - II History Derived

Holladay Refraction Derived

Binkhorst - II Contact Lens Method

Hoffer - Q Rosa Method

Haigis 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\*  
(20000mAh Powerbank)

# UNIQUE CAPABILITIES



## Premium Aluminum Design

Distinguished by its all-metal body, Vision Mini sets the standard for premium biometry design.



## Portability

Compact in size, it's the smallest table-top biometer, conveniently fitting into a DSLR-sized bag with all accessories.



## Adjustable Viewing Angle

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



## Best-In-Class Accuracy

Achieve High Accuracy of  $\pm 0.04$  mm with an electric resolution of 0.02 mm at 1550 m/s



## Built-in AI Algorithm

Enhancing productivity with its integrated AI algorithm.



## Separate "Screening" Mode

A dedicated mode for quick patient examinations.



## User-Friendly Interface

Equipped with a 7" TFT touchscreen display, making operation intuitive and easy.



## Multiple Export Options

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



## Customizable Theme Options

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



## 12 Hour Battery Backup\*


With a 20000 mAh power bank support for extended usage.

## GET IN TOUCH

Manufacturer: **LEIGHIS SOLUTIONS LLP**

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