



# PalmScan™ AP2000 PRO

*A-Scan + IOL Calculator and  
Surgical Pachymeter Combination Device*



*Solutions that Fit*

# PalmScan AP2000 PRO A-Scan + IOL Calculator



**with E-Z Tip Immersion Shell**

## Essentials

- Fast Captures
- Unparalleled Accuracy
- Performs E-Z Tip Immersion
- Wi-Fi, Bluetooth & USB connection
- EMR Exportability
- Upgradable System

## Features

### Immersion and Contact

Advanced technology quickly captures AL, ACD and LT with 1-touch operation in a few seconds.

### IOL Calculator

Using 4 modern formulas.

### Post-Refractive Correction of Ks

### Dense Cataract Penetration

Capable of penetrating the densest cataract lenses.

### Quad Adjustable Gated System

## Additional Features

Internet & Email Access

User Guide & Training Video can be viewed on device

Upgradeable to include Keratometer and/or B-Scan

## Benefits

### Accuracy

Parallels Laser Interferometry Results. Acquires 8,192 Data Points per Scan.

### Efficiency

Increasing productivity, PalmScan eliminates moving patients from room to room while affording the freedom to treat patients anywhere.

### EMR Integration

PalmScan results can be incorporated by any EMR system that supports PDFs.



### System Updates

We continually improve our software and welcome any feedback for future improvements. Performing system updates is quick and easy.

### Ultrasonic Alignment Test

Ensures visual axis alignment for superior and consistent results

Immersion with only 2 drops!

- *Ease of Contact*
- *Clean & Effortless*
- *Accuracy of Immersion*

**READY TO USE & DISPOSABLE**

*Sanitized by Gamma Radiation*

*Measures Patient's Biometry without the risk of cross-contamination as it completely isolates the probe from the Eye*

SPECIFICATIONS	A-SCAN
ACCURACY	0.05 mm
RESOLUTION	± 10 µm
RANGE	15-40 mm
PROBE FREQUENCY	10 MHz
SCAN TIME ON A SINGLE BATTERY CHARGE	6 hours

**PalmScan PRO has 3 integrated USB ports that can be used with**

- PalmScan Auto-Keratometers
- Mobile B-Scans
- Keyboard + Mouse
- USB printers & flash drives

# PalmScan AP2000 PRO Pachymeter



**Single use probe tip covers**

**Measure corneal thickness through a sanitized tip cover**

**ELIMINATE RISK OF PATIENT CROSS-CONTAMINATION**

**Options Available**  
FemtoSecond Package  
Simultaneous flap & bed thickness measurements.

DSAEK Package  
Measure ultra thin DSAEK.

LRI Software Package

SPECIFICATIONS	PACHYMETER
ACCURACY	3.1 $\mu$ m
RESOLUTION	$\pm$ 1 $\mu$ m
RANGE	120-1200 $\mu$ m
PROBE FREQUENCY	50 MHz
SCAN TIME ON A SINGLE BATTERY CHARGE	6 hours

## Benefits

**Dry-Bed**  
Measures corneal bed post-Lasik cut.

**Integrated Desktop Application for Paperless Office**  
Securely store, recall, & manager patient data.

Create & print reports effortlessly.

**Printing**  
PalmScan prints to your home or office printer via wi-fi, BlueTooth or USB.

**Portability**  
Weighing 30 oz. PalmScan is very portable

**High-Res Color LCD w/ Touch Screen**  
Control settings, functions, and patient information with a simple touch of the screen.

**Peripheral Thickness for LRI**  
Giving precise periphery measurements, crucial for optimum Limbal Relaxing Incision (LRI) procedures.

**Exclusive Corneal Waveform Technology**  
The only pachymeter providing an A-Scan of the cornea and capable of measuring with various calculations

## Essentials

- Highest Frequency Probe at 50 MHz
- Easily generates PDF reports
- Upgradable for future add ons and updates

## Features

**Highest Accuracy**  
PalmScan's 264MHz sampling frequency minimize errors thus providing the most accurate results.

**Easy to Use**  
Carefully designed operation enables easy use

**Automatic IOP Adjustment**  
Based on measured CCT

**17 Location Corneal Mapping**  
Organizes corneal measurements

**Perfect for Limbal Relaxing Incision (LRI) procedures**

## Additional Features

- Wi-Fi, Bluetooth, USB
- User Guide & Training Videos viewable on device
- Internet & Email Access



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