

# 2-in-1 Features:

Automatic Mode  
Measure Review  
10 Lens Database

Calculated Lens Results  
Comparative IOL Review

## 1. General:

### Models:

- 300A+ A-Scan Only
- 300AP+ A-Scan/Pachymeter

### PacScan 300 Plus Features:

- High Contrast Color Touch Screen
- User Friendly Graphical Interface
- 5 Programmable User Profiles
- Scan Viewer Archiving Software
- USB Interface
- SD Memory Card
- Built-In Thermal Printer
- Storage Compartment
- Portable Design Weighing 6 lbs (2.7kg)
- Power Requirements:
  - PacScan System: 100-240 VAC; 50/60 Hz
  - Optional Printer: 100-240 VAC; 50/60 Hz

## 2. 300A+ A-Scan:

### Scan Modes:

- Direct Contact/Immersion
- 5 Examination Modes:
  - Cataract
  - Dense Cataract
  - Aphakic
  - Pseudophakic (5 settings)
  - 4-Gate Manual

### Measurements:

- ACD, Lens, Vitreous, Axial, Average Axial, Standard Deviation
- Individual Zone Velocities
- Automatic Sensing Algorithm
- Measure Review
- Auto-Calibration

### Specifications:

- Clinical Accuracy:  $\pm 0.10\text{mm}$
- Electrical Accuracy:  $\pm 0.023\text{mm}$
- Lens Calculations in 0.25D Increments
- 10-Lens Database

### Formulas:

- Refractive:
  - Binkhorst
  - Regression-II
  - Theoretic/T
  - Holladay
  - Hoffer-Q
  - Haigis
- Post-Refractive:
  - Latkany Myopic
  - Latkany Hyperopic
  - Aramberri Double-K

### A-Scan Probe Styles:

- Standard A-Scan Probe for Hand-Held, Immersion, or Slit Lamp Mounted Application
- Soft-Touch A-Scan Probe for Hand-Held Use Minimizing Corneal Compression

## 3. Pachymeter (300AP+):

### Scan Modes:

- Map 1: Single Point, Single-Scan
- Map 2: Single Point, Multi-Scan
- Map 3: 5 Points, Single-Scan
- Map 4: 5 Points, Multi-Scan
- CCT, IOP Correction
- Calibration

### Measurements:

- Adjustable Corneal Velocity
- Automatic Sensing Algorithm
- Measure Review
- 64 Scans Averaged with Standard Deviation
- Internal Accuracy Test
- Auto Calibration

### Specifications:

- Range: 125-1000 Microns
- Clinical Accuracy:  $\pm 5$  Microns
- Electronic Accuracy:  $\pm 1$  Microns
- 20MHz Direct Contact Probe

### Pachymeter Probe Styles:

- 20 MHz Straight Pachymeter Probe for Use When Patient is in Sitting Position
- 20 MHz 45 Degree Angled Pachymeter Probe for Use When Patient is in Supine Position



- 01 PacScan Plus
- 02 Model 300A+ 034
- 03 Direct Contact A-Scan Probe
- 04 Soft-Touch A-Scan Probe
- 05 20 MHz Straight Pachymeter Probe
- 06 20 MHz 45 Degree Angled Pachymeter Probe