

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: ± 5 Microns
- Electronic Accuracy: ± 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