

PACSCAN 300 PLUS XPANDS

WITH NEW FEATURES IN DIGITAL BIOMETRIC RULER.

✓ INNOVATION...

Software algorithms & advance hardware designs enable quick and easy examinations of all eye types.

✓ ACCURACY...

High frequency & low noise electronics provide precise measuring performance of ACD, Lens Thickness, & Axial distances.

✓ DEPENDABILITY...

Sonomed's high-level customer service and product support has been field-proven over the years. Quality you can depend on.



LEADERS IN OPHTHALMIC ULTRASOUND...

With over 30 years of design and manufacturing experience, Sonomed has become the brand of choice for ophthalmologist worldwide with products that continue to define the standards in diagnostic ultrasound.



- USB: For EMR Archiving.
- SD Disk: For Patient Data Storage.
- Pachymeter: Practice Target Cylinder.
- A-Scan: 10mm Calibration Cylinder.



- Built-In Probe Holders.
- Built-In Thermal Printer.
- Probe Storage Compartment.
- Individual Probe Connectors.

2 IN 1 FEATURES

AUTOMATIC MODE
MEASURE REVIEW
10 LENS DATABASE
CALCULATED LENS RESULTS
COMPARATIVE IOL CALCS.
FOR UP TO 8 LENS

TURN OVER FOR MORE...

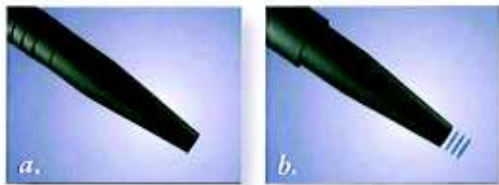
PACSCAN 300 PLUS

FEATURES:

- High Contrast Color LCD
- User Friendly Graphical Interface
- 5 Programmable User Profiles
- Scan Viewer Archiving Software*
- SD Memory Card
- Built-In Thermal Printer
- Storage Compartment
- Portable



300A A-SCAN



a. Direct Contact Probe allows immersion or slit-lamp mount application.

b. Soft Touch Probe* allows hand-held scans with minimal corneal compression.



c. 45° Angled Probe* allows scans when patient is in supine position.

d. Straight Probe allows scans when patient is in a seated position.

Scan Modes	Measurements	Specifications	Formulas
<ul style="list-style-type: none"> • Direct Contact • Immersion • Cataract • Dense Cataract • Aphakic • Pseudophakic • 4-Gate Manual 	<ul style="list-style-type: none"> • ACD • Lens • Vitreous • Axial • Average Axial • Standard Deviation • Individual Zone Velocities • Automatic Sensing Algorithm • Measure Review • Auto Calibration 	<ul style="list-style-type: none"> • Clinical Accuracy $\pm 0.10\text{mm}$ • Electrical Accuracy $\pm 0.023\text{mm}$ • Lens Calculations in 0.25D Increments • 10-Lens Database • 10MHz Direct Contact Probe 	<p>Refractive</p> <ul style="list-style-type: none"> • Binkhorst • Regression-II • Theoretic/T • Holladay • Hoffer-Q • Haigis <p>Post Refractive</p> <ul style="list-style-type: none"> • Laskany Myopic • Laskany Hyperop. • Aramberri Double-K • Comparative IOL calculations for up to 8 lenses.

PACHYMETER* (300AP)

Scan Modes	Measurements	Specifications	General
<ul style="list-style-type: none"> • Map 1: Single Point, Single-Scan • Map 2: Single Point, Multi-Scan • Map 3: 5 Points, Single-Scan • Map 4: 5 Points, Multi-Scans • CCT, IOP Correction • Calibration 	<ul style="list-style-type: none"> • Adjustable Corneal Velocity • Automatic Sensing Algorithm • Measure Review • 64 Scans Averaged with Standard Deviation • Internal Accuracy Test • Auto Calibration 	<ul style="list-style-type: none"> • Range: 125-1000μm • Clinical Accuracy $\pm 5\mu\text{m}$ • Electronic Accuracy $\pm 1\mu\text{m}$ • 20MHz Direct Contact Probe 	<ul style="list-style-type: none"> • Input: 100-240VAC 1.5A Max, 50/ 60Hz • Output: 15VDC @ 4.0A • Power: 60W Max • Weight: 6.0lbs (2.7kg) • Dimensions: H: 7" (178mm) W: 8.5" (216mm) L: 10" (254mm) • USB

*Optional
0350-1902-1A