

SONOMED PACSCAN 300 SERIES TECHNICAL SPECIFICATIONS		
A-SCAN		
SCAN MODES	Direct Contact / Immersion Cataract Dense Cataract Aphakic Pseudophakic (5 settings) Manual Review screen for A-Scan Measurement Review Capability	
MEASUREMENTS	ACD Lens Vitreous Axial Average with Standard Deviation Individual Zone Velocities	
ACCURACY	Clinical Accuracy	±0.10mm
	Electrical Accuracy	±0.0484mm
FORMULAS	Refractive: Binkhorst, Regression-II, Theoretic/T, Holladay, Hoffer-Q, Haigis Post Refractive: Laskany Myopic Regression, Aramberri Double-K	
PACHYMETER		
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-Scans CCT Corrected IOP	
MEASUREMENTS	Variable Corneal Velocity Automatic Sensing Algorithm Measure Review mode 256 Scans Averaged with Standard Deviation	

	Measurement accuracy test ($\pm 1\mu$)	
RANGE	125 - 1000 Micron	
ACCURACY	Clinical Accuracy	$\pm 5\mu\text{m}$
	Electronic Accuracy	$\pm 1\mu\text{m}$
PROBES	20MHz straight Contact Probe 20MHz angled Contact Probe	
GENERAL		
MODELS	300A A-Scan only 300P Pachymeter only 300AP A-Scan/Pachymeter	
SCREEN	Touch Screen User Interface Large high Contrast LCD	
SOFTWARE	Scan Viewer Archiving software	
USER PROFILES	5 Programmable User Profiles	
POWER REQUIREMENTS	PacScan System: 5W/90 – 250 VAC Optional Printer: 9W/90 – 250 VAC	