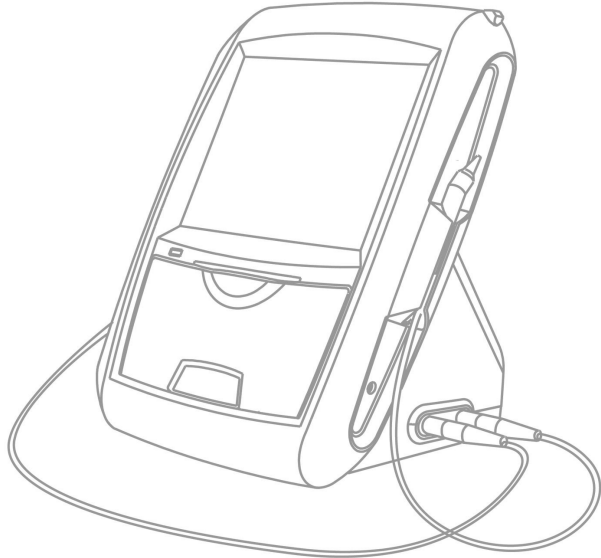


SPA-100EC2015/A0



## SPA-100 Ophthalmic A-Scan/Pachymeter



- Compact Body, Light Weight
- Friendly LCD Touch Screen
- Contact and Immersion Modes
- Multiple IOL Power Calculation
- Build-in Thermal Printer
- Capable of Connecting to PC
- Optional Workstation on PC



More information...  
please browse [www.sonostar.net](http://www.sonostar.net)

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## SPA-100 Ophthalmic A-Scan/Pachymeter

with macular recognition function, can accurately measure axial length, anterior chamber depth, lens thickness, as well as intra-ocular lens calculation.

And also with the central area and the peripheral areas gain automatic compensation capability, accurate measurement of central and peripheral corneal thickness, is widely used in the preoperative examination and postoperative effect evaluation of refractive surgery.

SYSTEM ITEM	A	P	AP
Main Unit	✓	✓	✓
A-Scan Probe	✓		✓
A-Scan Calibration Cylinder	✓		✓
Pachymetry Probe		✓	✓
Pachymetry Calibration Slice		✓	✓
Foot Pedal	✓	✓	✓
Touch Pen	✓	✓	✓
Thermal Print Paper	✓	✓	✓
USB Cable	✓	✓	✓
Power Cable	✓	✓	✓
Operators' Manual	✓	✓	✓
APScanSync Users' Guide	✓	✓	✓
Compact Disc for APScanSync Software	✓	✓	✓



Pachymetry Calibration Slice

A-Scan Calibration Cylinder

## SPECIFICATION:

A-Scan		Pachymeter	
<b>Probe:</b>		<b>Probe :</b>	
Type:	Solid State	Type :	Solid State
	Build-In Fixation Light	Frequency:	20MHz
Frequency:	10MHz		
<b>Probe Modes</b>		<b>Measurement range</b>	
Contact, Immersion		125-1000 micron	
<b>Measurement Modes</b>		Accuracy	±10 micron
Automatic	Hand held, Chin Rest	Resolution	±1 micron
Manual	Foot Switch		
<b>Eye Modes</b>			
Normal Phakic		<b>Main Unit</b>	
Normal Cataract			
Dense Cataract			
Aphakic			
Pseudophakic		Input:	Touch Screen & Foot Pedal
Customer Defined		Dimension :	170(W)x150(D)x200(H)mm
		Weight :	1.2Kg
		Display :	5.6Inch LCD Touch Screen
<b>Measurement Range</b>		Power :	100-240VAC,50/60Hz
Axial Length:	14.0-46.0mm		
ACD:	2.0-6.0mm		
Lens Thickness:	2.0-7.5mm		
Accuracy :	±0.1mm	<b>Workstation</b>	
Resolution :	0.01mm		
<b>IOL Calculation</b>		Windows XP/Vista/7(32/64bit)Supprt	
SRK-II		Automatic Data Retrieve	
SRK-T		Report Print	
Binkhorst-II			
Holladay-I			
Hoffer-Q			
Haigis(std)			

Eye: 00/Right

Normal	AC	Len	Vit	AxI	Contact
1#:	2.82	2.51	17.00	22.33	
2#:	2.82	2.67	16.85	22.34	
3#:	2.78	2.72	16.85	22.35	
4#:	2.78	2.72	16.85	22.35	
5#:	2.78	2.77	16.85	22.40	
Avg:	2.80	2.68	16.88	22.35	
SD:	0.02	0.09	0.06	0.02	

Print Close

Statistics Dialog Box

Formula: SRK-T

K1:	45.000	AxI:	24.50mm
K2:	45.000		
DK:	+0.000		
A-Const:	118.0	A-Const:	118.5
IOL Refr:	14.50 0.68	IOL Refr:	15.00 0.64
	15.00 0.36		15.50 0.32
	+ 15.50 0.03		+ 16.00 0.00
	16.00 -0.31		16.50 -0.32
	16.50 -0.64		17.00 -0.65

Print Close

IOL Calculation Dialog Box

PATIENT INFORMATION

Name: John Doe

ID: 2012-01-01-001

1 2 3 4 5 6 7 8 9 0 +

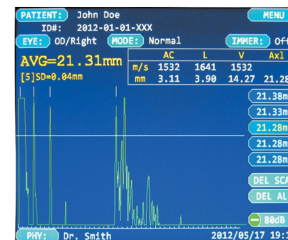
q w e r t y u i o p + Bkspc

a s d f g h j k l → Enter

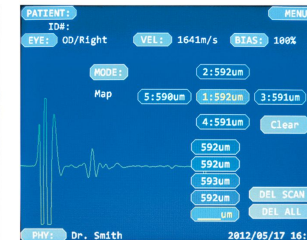
Capk z x c v b n m , . ?

Shift ← →

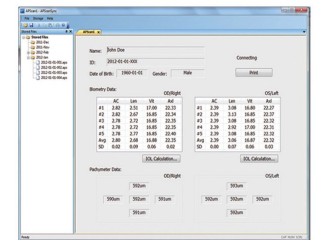
Touch Screen Input



A-Scan



Pachymetry



Work Station on Computer