



CAS2000 Line

A-Scan/Pachymeters



OPHTHALMOLOGY / ENT



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CAS2000 Line



A-Scan/Pachymeter

- Cod. **CAS-2000A** - A-Scan only
- Cod. **CAS-2000P** - Pachymeter only
- Cod. **CAS-2000AP** - 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

Ophthalmic A-Scan/Pachymeter with macular recognition function, can accurately measures 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.



Eye: OD/Right

Normal		Contact			
	AC	Len	Vit	Ax1	
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

Formula: SRK-T

K1: 45.00D Ax1: 24.50mm

K2: 45.00D

DR: +0.00D

A-Const: 118.0		A-Const: 118.5	
IOL	Refr	IOL	Refr
14.50	0.68	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

PATIENT INFORMATION

Name: John Doe

ID: 2012-01-01-001

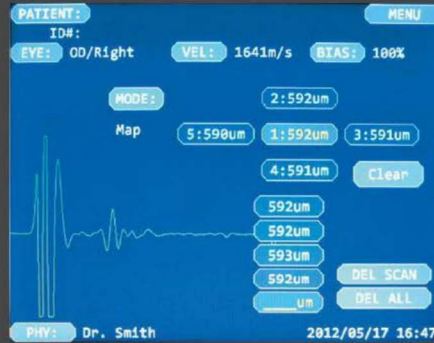
1 2 3 4 5 6 7 8 9 0 - +

q w e r t y u i o p ← Bkspc

a s d f g h j k l → Enter

Caps z x c v b n m . /

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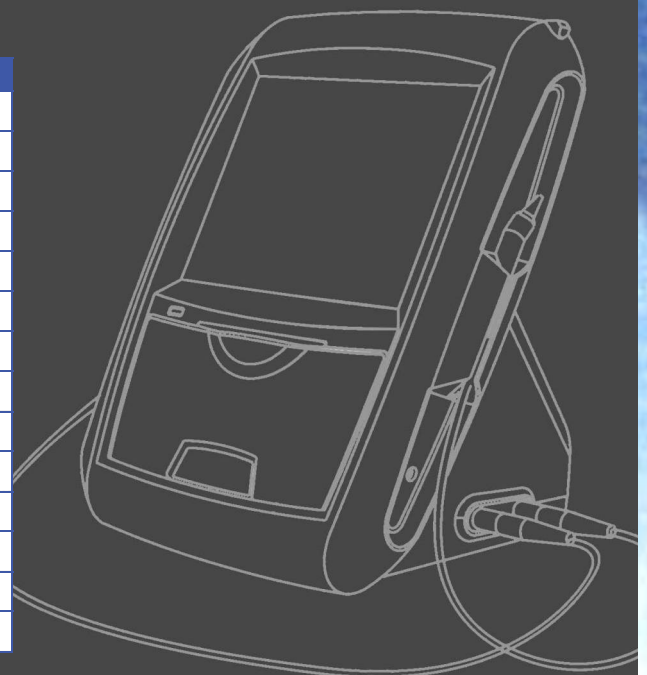
BIOMETRY DATA

OD/Right				OS/Left					
#	AC	Len	Vit	Ax1	#	AC	Len	Vit	Ax1
#1	2.82	2.51	17.00	22.33	#1	2.79	2.58	16.80	22.27
#2	2.82	2.67	16.85	22.34	#2	2.79	2.53	16.85	22.17
#3	2.78	2.72	16.85	22.35	#3	2.79	2.58	16.85	22.32
#4	2.78	2.72	16.85	22.35	#4	2.79	2.62	17.00	22.31
#5	2.78	2.77	16.85	22.40	#5	2.79	2.58	16.85	22.32
Avg	2.80	2.68	16.88	22.35	Avg	2.79	2.56	16.87	22.32
SD	0.02	0.09	0.06	0.02	SD	0.02	0.07	0.06	0.03

PACHYMETRY DATA

	OD/Right	OS/Left
300um	300um	300um
300um	300um	300um
300um	300um	300um
300um	300um	300um

CAS-2000 Version	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	●	●	●
AP Scan Sync Users' Guide	●	●	●
Compact Disc for AP Scan Sync	●	●	●
Software	●	●	●





Technical Features

A-SCAN (only for CAS-2000A and CAS-2000AP)

A scan probe	10MHz import small size probe, built-in luminotron
Measuring range	15mm-40mm
Measurement precision	±0.05mm; with macula lutea trace function
Measurement	Anterior chamber depth, lens thickness, vitreous body length, total length and average
Method of measurement	immersion and contact
Eye mode	Phakic/ Aphakic/Dense/ various IOL
IOL formula	SRK-II, SRK-T, BINKHORST-II, HOLLADAY, HOFFER-Q, HAIGIS
Archive	Enter the name & ID; easy to check archive
Storage	10 cases, 5 readings each case
Output	A scan waveform and IOL calculation sheet

PACHYMETER (only for CAS-2000P and CAS-2000AP)

P scan probe	20MHZ, angle of 45 degrees makes easier operation
Resolution	5um
Measuring range	150um~1500um
Display	SINGLE mode and MAP mode
Waveform	Can display ultrasound waveform when measuring
Average Measurements	Each group is the average of 20 measurements
Switch	Switch between IOP measured value and actual value
Archive	Can input name, ID and operator's name

MAIN UNIT

Screen	5.6 inch LCD Touch screen
Input	Touch screen and footswitch
Freeze	Curve freezing: Manual/Auto mode, controlled by pedal
Printer	Built-in speed thermal printer
Power	100-240VAC, 50/60Hz
Dimension	170x150x200mm (WxDxH)
Weight	1.2Kg



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