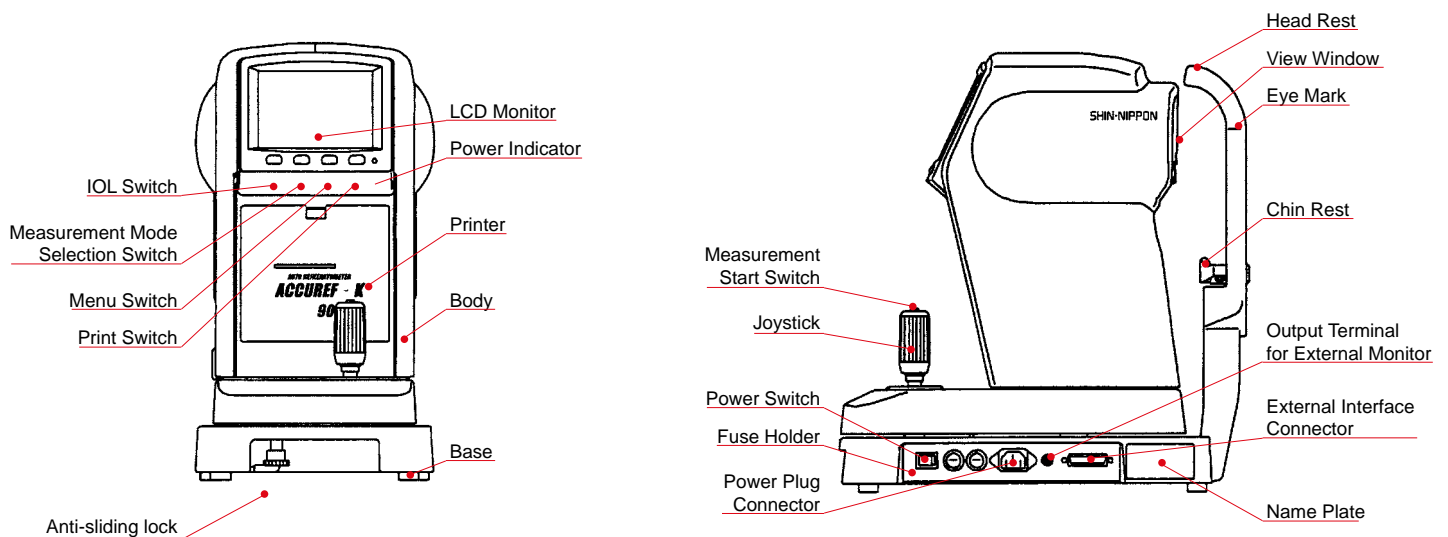


Specifications

Refractive Measuring Range	Sph	s25pr25D (0.12/0.25D step)	
	Cy	0pw10D (0.12/0.25D step)	
	Axis	0p180- (1- step)	
Keratometric Measuring Range	Radius of Corneal Curvature	5.0p10 mm (0.01 mm step)	
	Corneal Refraction	33.75p67.5D	
	Cy	0pw9D	
	Axis	1p180- (1- step)	
	Corneal periphery	Measurement area $\times 7.5$ mm (when radius of curvature is 8mm)	
Vertex Distance	0, 10, 12, 13.5, 15 mm		
Minimum Pupil Diameter	$\times 2.3$ mm		
PD Measurement	Measurement range	85 mm (1 mm step)	
Printer	Thermal line printer with automatic cutter (paper width 57 mm)		
Internal Monitor	5.6 inch LCD monitor (color)		
Shifting Range for Sliding Body	back/forth $\times 17$ mm	right/left $\times 43$ mm	up/down $\times 17$ mm
Vertical Adj.Range for Chin Rest	$\times 30$ mm		
Dimensions	(W) 240 mm	(D) 422 mm	(H) 438 mm
Weight	approx. 15 kg		
Date Output	RS-232C interface Video Terminal		
Power Source	100p240V 50 / 60Hz		
Consumption	80 VA		
Power Saving Function	OFF, 3, 5, 10 min. (switchable)		

Standard Accessories

Model Eye, Power Code, Printing Paper, Fuse, Chin Rest Paper, Chin Rest Paper Pin, Dust Cover



Design and specifications are subject to change without notice.



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SHIN-NIPPON
by **Rexxam**

A u t o R e f k e r a t o m e t e r

ACCUREF-K 9001

A U T O R E F K E R A T O M E T E R A C C U R E F - K 9 0 0 1



Latest Digital Image Processing Technology

Accurate Re

Clear 5.6 inch LCD color monitor

LCD color monitor produces superb colorful display of the icons for easier identification to select your desired choices for measurement.



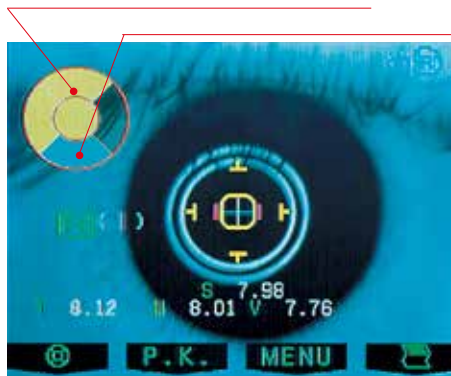
3 step Monitor angle

Monitor angle can be tilted in 3 steps that allows comfortable operation for both stand-ing and sitting positions.



Kerato-Peripheral Measurement

4 Plots of Cornea can be measured.



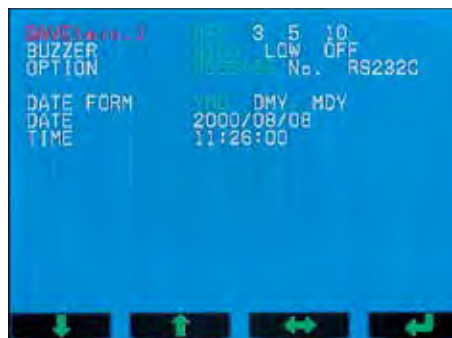
Wide Measurement Range

Wide Measurement Range of Sph -25.00D to +25.00D, Cyl -10.00D to +10.00D.

2.3 mm Minimum Pupil Diameter & 3 step Target Light Adjuster

Allows you to measure much smaller pupils than conventional units and 3 step Target Light Adjuster ensures accurate results.

Menu Screen Setting



IOL Measurement Function



▲ Measurement Screen when IOL mode is set

Printout Sample

No.	00001	
NAME		
1999 11 30	14:30	
VD=12		
<R> SPH	CYL	AX
IOL -4.75	0.00	
IOL -4.50	-0.25	60
IOL -4.50	-0.25	131
-4.50	-0.25	60

Measurement results of IOL measurement mode have "IOL" marks on the left side of each data.

Auto Start Function

Auto Start Function allows measuring automatically when alignment meets measurement requirements.

Quick Measurement Function

Quick Measurement Function realizes 1-10 times continuous measurements by pushing the measurement button once.

Data Screen Function

Measured data can be seen on the monitor without printing.

<R>	mm	D	AX
R1	7.99	44.50	120
R2	7.57	44.50	107
AVE	7.58	44.50	
CYL		0.00	
Data of Corneal Center only			
S	7.84		
V	7.51		
T	7.66	H	7.55 -N7.71
I	7.84		
Peripheral Measurement Result			
V	0.554	H	0.396
e		AVE	0.475
When R/K or Kerato measurement is also taken, only optimum values are printed.			
SL	mm	D	
Vertical Eccentricity			
Horizontal Eccentricity			
Average of Vertical and Horizontal Eccentricities			

R)	SPH	CYL	AX	mm	D	AX
-	0.75	-0.75	48	7.65	44.00	
-	1.00	-0.75	52	7.65	44.00	
-	1.00	-0.75	60	7.65	44.00	
-	0.75	-0.75	57			
-	0.75	-1.00	59			
Data Screen (R)						
				7.63	7.86	
				7.68	7.72	
				7.79	7.83	
						0.060
						0.378
						0.219

y Offers More

Refractometry & Keratometry

Choice of the format of printout
Format of the print out, ALL, ECONO and OFF, can be set on the mode selection.



Message Area	No. 00001			
	NAME 1999 11 30			14:30
	VD=12			
Refractive Data	<R>	SPH	CYL	AX
		-4.75	-0.25	62
		-4.75	0.00	
		-4.75	0.00	
Keratometry Data		-4.75	0.00	
	<R>	mm	D	AX
	R1	7.59	44.50	120
	R2	7.57	44.50	30
	AVE	7.58	44.50	
	CYL		0.00	
Refractive Data	<L>	SPH	CYL	AX
		-4.50	-0.75	90
		-4.50	-0.75	90
		-4.50	-0.75	89
Keratometry Data	<L>	mm	D	AX
	R1	7.59	44.50	120
	R2	7.57	44.50	30
	AVE	7.58	44.50	
	CYL		0.00	
Pupil Distance	PD = 64			
	SHIN-NIPPON ACCUREF-K 9001			

Date and Time Display

Right Eye Data

Optimum Value (indicated when each eye is measured more than three times)

Left Eye Data

Compact, Elegant Design & Light Weight

Quick Printer with Automatic Cutter

Printing paper is automatically cut when it is released.

Contact Lens Base Curve Measurement

Base Curve of a hard contact lens can be measured using the contact lens holder.

Near Pupil Distance Measurement

When measurement is taken with this function set, near pupil distance is automatically computed to indicate it on the screen and the printout.

RC-232C Setting Function

With this function, you can send the measurement data to an external computer through an interface.

The data is sent using ASCII CODE.

Output Terminal

This terminal outputs an NTSC video terminal. If you connect an external monitor, you can observe the same image that appears on the internal monitor screen of ACCUREF-K 9001 simultaneously.

Power Saving Function

The switchover time can be selected on the menu screen.

No.	00001		
NAME	1999 11 30 14:30		
VD	12		
<R>	SPH	CYL	AX
	-4.75	0.00	
<R>	mm	D	AX
R1	7.59	44.50	120
R2	7.57	44.50	30
AVE	7.58	44.50	
CYL		0.00	
<L>	SPH	CYL	AX
	-4.50	-0.75	90
<L>	mm	D	AX
R1	7.59	44.50	120
R2	7.57	44.50	30
AVE	7.58	44.50	
CYL		0.00	
PD	64		
	SHIN-NIPPON ACCUREF-K 9001		