

SHIN-NIPPON

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

ACCUREF 8001

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SHIN-NIPPON

AUTO REFRACTOMETER

Accurate Refractometry

ACCUREF 8001

Compact, Elegant Design, Light Weight & Easy Operation

Wide Measurement Range

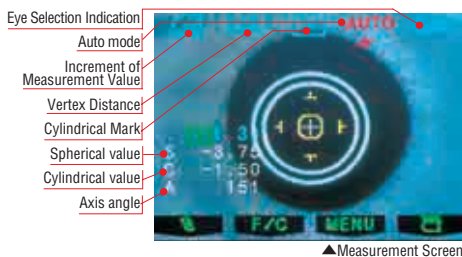
Wide Measurement Range of Sph $-25.00D$ to $+25.00D$, Cyl $-10.00D$ to $+10.00D$.

2.3 mm Minimum Pupil Diameter & 3 steps Target Light Adjuster

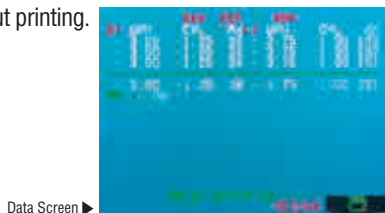
Allows you to measure much smaller pupils than conventional units and 3 steps Target Light Adjuster ensures accurate results.

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.

**Data Screen Function**

Measured data can be seen on the monitor without printing.

**3 steps Monitor angle**

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

**Choice of the format of printout**

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

Quick Printer with Automatic Cutter

Printing paper is automatically cut when it is released.

**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.

Measurement Function

ACCUREF 8001 has the function to measure the IOL (intraocular lens) implanted eye.

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 8001 simultaneously.

Power Saving Function

The switchover time can be selected on the menu screen.

Specifications

| | | | |
|-----------------------------------|--|-------------------------------------|---------------------|
| Refractive Measuring Range | Sph | $-25\sim+25D$ (0.12/0.25D step) | |
| | Cy | $0\sim\pm 10D$ (0.12/0.25D step) | |
| | Axis | $0\sim 180^\circ$ (1° step) | |
| Vertex Distance | 0, 10, 12, 13.5, 15 mm | | |
| Minimum Pupil Diameter | $\phi 2.3$ 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 ± 17 mm | right/left ± 43 mm | up/down ± 17 mm |
| Vertical Adj. Range for Chin Rest | ± 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 | 100~240V 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.

AJINOMOTO®

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