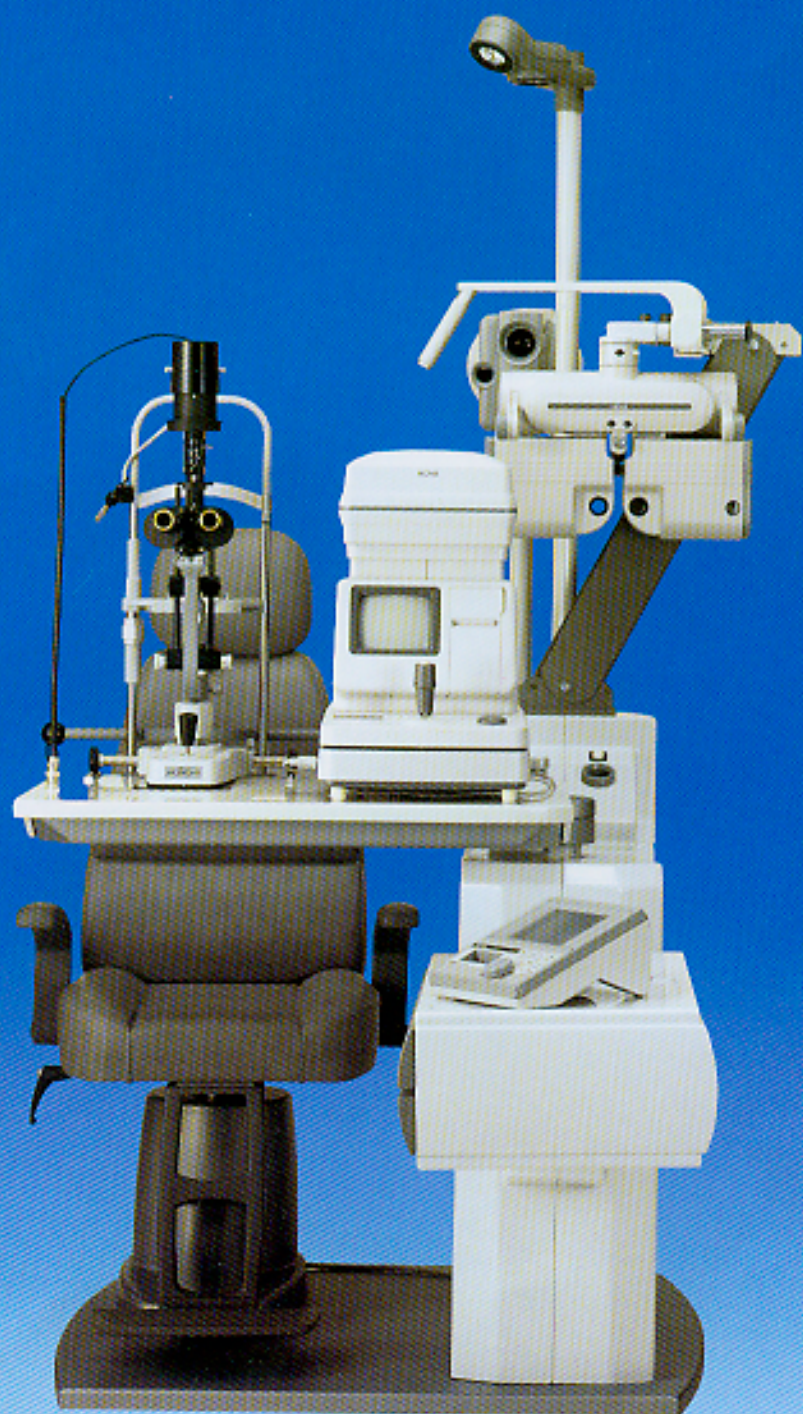


RH-3000 SYSTEM



RH-3000 SYSTEM



CP-300

SLIT LAMP
H-201

AR-580

RH-3000

CONTROLLER

COMMUNICATION BOX

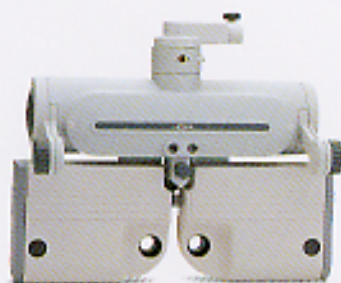
Features of the RH-3000 System

- ① A simplified operation by means of the new miniaturized controller.
- ② A new system unit designed with a view to realizing an improved ease of use for both the examiner and the subject.
- ③ A compact system, which shortens the measurement time by connecting the component instruments in an efficient combination.



CP-300 Specifications

Range of Projection	2.9~6.1m
Size of Projected Area	W240×H210mm Dia. 240mm (when projected from a distance of 5m)
Number of Charts	50
Masks	One column, one row one letter, Red-Green Filter
Chart Switching Time	Approx. 0.5 sec.
Programmability	Two different sets of a maximum of 50 different steps
Lamp	Halogen Lamp, 12V 30W
Automatic Switch-off	15min.
Power Supply	Voltage as specified
Power Rating	100VA
Dimensions	W190×L310×H280mm
Weight	7kg



Refractor Head(RH-3000) Specifications

Range of Measurement	Spherical Powers : +26.87D~-29.00D(in 0.12D/0.25D steps) Cylindrical Powers : +8.00D~-8.00D(in 0.25D steps) Axis of Cylinder : 0~180(in 1° steps)
Auxiliary Lenses	Open Occluder Cross Hairs Polarizing(145°) Polarizing(135°) Maddox Rod : Red(Horizontal/Right, Red/Vertical/Left) Red Filter(R) Green Filter(L) +2.00 Retinoscope Presbyopic Glasses +0.50D Pin Hole 10Δ/6Δ (Rotary Prism)
Free Measurement of Astigmatism	+0.50D (Motorized Auto-cross)
Rotary Prism	0~20Δ(in 0.25 steps)
Pupillary Distance	50~80mm(in 0.5mm steps)
Adjustment of the Eye Height	+4.0mm
Covergence Distance	∞~33mm(for a PD of 64mm)
Distance to the Near-vision Chart	20~55mm(Automatic measurement in 10m steps)
Controller	A touch panel, a jog dial and a printer are incorporated



AR-580 Specifications

Range of Measurement	Spherical -20.00~+20.00D (VTX=12mm) Astigmatic -10.00~+10.00D Astigmatic Axis 0~180° PD Maximum Measurable Pupillary Diameter: 85mm
Power Increment Setting	0.12D and 0.25D AX : 1° PD : 1mm
Minimum Measurable Pupillary Diameters	2.5mm
Distance Between Corneal Vertices	0/12/13.5mm
Memory Capacity	10 measured values each for OD and OS
Printer	Thermal line printer with 4 kinds of fonts.
AR-580/MCR Online Connector	RS 232C
Display	5-inch B&W monitor
Power Source	Voltage as Specified
Power Consumption	70VA
Dimension	W300×D520×H500mm
Weight	19kg

Slit Lamp (H-201) Specifications

P. D. Adjustment	55mm~80mm
Vertical motion	30mm
Slit Angle	180° horizontal scanning is possible.
Tilting Illumination	Up to 20°
Slit Length	0.2~5mm
Filters	Cobalt filter, blue filter, ND filter and heat absorbing filter.
Lamp	6V, 4.5 Amp precentered tungsten filament lamp.
Input Power	Voltage as Specified
Output Power	3V~7.5V
Dimensions	670(H)×510(W)×400(D)mm
Weight	24kg(without stand)