



Refractor RT-600



RT-600 Specifications

Measurement range	
Sphere	-19.00 to +16.75 D with -10 D & +10 D aux. lens: -29.00 to +26.75 D (Optional)
Cylinder	0.00 to -6.00 D with -2.00 D aux. lens: 0.00 to -8.00 D
Axis	0 to 180°
Prism	0 to 20Δ
Measurement increments	
Sphere	0.25 D with +0.12 D aux. lens: 0.12 D
Cylinder	0.25 D with -0.12 D aux. lens: 0.12 D
Axis	5°
Prism	1 Δ
Cross cylinder lens	The cross cylinder lens is geared to cylindrical axis knob. ±0.25 D, ±0.37 D (Optional), ±0.50 D (Optional)
Auxiliary lenses for Right eye	
(Symbol)	(Details)
O	Open aperture
R	Retinoscopic lens +1.50 D
P	Polarizing filter 135°
RMV	Vertical Maddox Rod (Red)
RMH	Horizontal Maddox Rod (Red)
RL	Red Lens
⊕	Test mark for PD adjustment
+12	Sphere lens +0.12 D
PH	Pin Hole
6ΔU	6Δ base up
±.50	±0.50 D fixed cross cylinder
OC	Occluder
for Left eye	
O	Open aperture
R	Retinoscopic lens +1.50 D
P	Polarizing filter 45°
WMV	Vertical Maddox Rod (White)
WMH	Horizontal Maddox Rod (White)
GL	Green Lens
⊕	Test mark for PD adjustment
+12	Sphere lens +0.12 D
PH	Pin Hole
10ΔI	10Δ base in
±.50	±0.50 D fixed cross cylinder
OC	Occluder
PD adjustment	50 to 75 mm
Convergence adjustment	∞ to 380 mm (When PD is 64 mm.)
Forehead rest adjustment	16 mm
Vertex distance	12, 13.75 (long line), 16, 18, 20 mm
Dimensions / Mass	338 (W) x 99 (D) x 292 (H) mm / 5 kg 13.3 (W) x 3.9 (D) x 11.5 (H)" / 11 lbs.
Standard accessories	Cylinder aux. lens (-2.00 D), Cylinder aux. lens (-0.12 D), Air brush, Silicon cloth, Fixing screw, Near point card, Near point rod, Near point card holder, Dust cover
Optional accessories	Sphere aux. lens (+10 D), Sphere aux. lens (-10 D), Sphere aux. lens for Retinoscope (+2.50 D), Cross cylinder lens (±0.37 D), Cross cylinder lens (±0.50 D)

Caution : U.S. Federal Law restricts this device to sale, distribution, and use by or on the order of a physician or other licensed eye care practitioner. Specifications and design are subject to change without notice.



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