



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	1Δ	
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.



HEAD OFFICE
34-14 Maehama, Hiroishi
Gamagori, Aichi 443-0038, Japan
Telephone : +81-533-67-6611
Facsimile : +81-533-67-6610
URL : <http://www.nidek.co.jp>
[Manufacturer]

TOKYO OFFICE
(International Div.)
3F Sumitomo Fudosan Hongo Bldg.,
3-22-5 Hongo, Bunkyo-ku, Tokyo
113-0033, Japan
Telephone : +81-3-5844-2641
Facsimile : +81-3-5844-2642
URL : <http://www.nidek.com>

NIDEK INC.
47651 Westinghouse Drive
Fremont, CA 94539, U.S.A.
Telephone : +1-510-226-5700
: +1-800-223-9044 (US only)
Facsimile : +1-510-226-5750
URL : <http://usa.nidek.com>

NIDEK S.A.
Europarc
13, rue Auguste Perret
94042 Créteil, France
Telephone : +33-1-49 80 97 97
Facsimile : +33-1-49 80 32 08
URL : <http://www.nidek.fr>

NIDEK TECHNOLOGIES Srl
Via dell'Artigianato, 6 / A
35020 Albignasego (Padova), Italy
Telephone : +39 049 8629200 / 8626399
Facsimile : +39 049 8626824
URL : <http://www.nidektechnologies.it>

