

NEW

 **MARCO**

RT-700
Illuminated
REFRACTOR



*The perfect blend of style, function,
and illumination control.*

FEATURES

- Infinitely adjustable LED illumination for sphere, cylinder, and axis measurements
- White prism, accessory, and cross-cylinder scales provide easier recognition in dim lighting conditions.
- Functional “wing-grip” design provides easier maneuverability of Refractor head
- Soft, smooth knurled knobs provide consistent, effortless adjustments
- Fully-synchronized axis / cross-cylinder system
- Certified Marco Quality
- Standard 5-year limited warranty

LED ILLUMINATION STANDARD



Marco-Certified Quality assures you of the very finest vision products, offering advanced technology, industry-leading durability and enhanced productivity for your practice. Marco-Certified Quality is your mark of confidence.



Sphere Power	
Range:	+16.75 to -19.00 diopters
Step:	0.25 diopters
Cylinder Power	
Range:	0.00 to ± 6.00 diopters 0.00 to ± 8.00 diopters with additional lens of ± 2.0 diopters)
Cylinder Axis	0 to 180°, 5° steps
Cross Cylinder	$\pm .25$ diopter, selectively synchronized with cylinder axis
Rotary Prisms	0 Δ to 20 Δ , 1 Δ steps
Auxiliary Lens Dial	(O) – Open aperture (two positions) (R) – Retinoscopic lens, +1.50D (P) – Polarizing lens 45° left eye, 135° right eye (WMV) White Maddox rod, vertical (RMV) Red Maddox rod, vertical (WMH) White Maddox rod, horizontal (RMH) Red Maddox rod, horizontal (RL) – red lens (GL) – green lens (+12) – +0.12 sphere (PH) – Pin hole (10 I) or (6 U) – 10 base-in – left eye 6 base-up – right eye (Disassociating prisms) ($\pm .50$) – ± 0.50 fixed cross cylinder (OC) – Occluder
P.D. Adjustment	48 – 75mm, 1mm steps
Convergence Adjustment	Infinity to 400mm
Forehead Rest Adjustment	16mm
Vertex Distance	13.75mm from apex of cornea
Dimensions/Weight	13.54(L) x 3.78(W) x 12.01(H); approximately 9.79 lbs.
Standard Accessory Lenses	± 0.25 Cross cylinder test lens +1.50 Retinoscopic lens
Transformer (Power Supply)	
Input:	120VAC 60Hz 12W
Output:	9VDC 800mA
Standard Accessories	Allen wrench, nearpoint card, nearpoint card holder, power transformer, accessory lens set, reading rod, face shields, dust cover, power cord tube, power cord clips
Optional Accessories	Patient face shield with plano cover lens

