MARCO

THE LEADER IN VISION DIAGNOSTICS®

RT-700 *Illuminated* REFRACTOR

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

The **MARCO RT-700 ILLUMINATED REFRACTOR** is the perfect blend of style, function, and illumination control. Marco has completed this dramatic leap into a new refractor design by incorporating all of the classic elements and features that primary eye care providers demand from a traditional refractor. The Marco RT-700 is a distinctive industry-recognized design that conveniently combines a proven illumination system with Marco-certified quality. With the RT-700, Marco has continued its long-standing tradition of utilizing the very best materials and craftsmanship to construct a superior, high-quality vision diagnostic instrument that doctors have come to expect from Marco products.

FEATURES

- Infinitely adjustable 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

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.

MARCO CERTIFIED QUALITY

SPECIFICATIONS

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 180º, 5º steps
Cross Cylinder	±.25 diopter, selectively synchronized with cylinder axis
Rotary Prisms	0Δ to 20Δ , 1Δ steps
Auxiliary Lens Dial	(O) – Open aperture (two positions) (R) – Retinoscopic lens, +1.50D (P) – Polarizing lens 45º left eye, 135º 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) (±.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, tweezers, spare bulbs, power cord, tube, power cord clips
Optional Accessories	Patient face shield with plano cover lens

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