

RT-700 *Illuminated* REFRACTOR



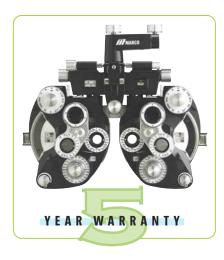
The perfect blend of style, function, and illumination control.

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.

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 180°, 5° steps
Cross Cylinder ±.25 diopter, selectively

synchronized with cylinder axis

Rotary Prisms 0\Delta to 20\Delta, 1\Delta steps

Auxiliary Lens Dial (O) – Open aperture (two positions)

(R) – Retinoscopic lens, +1.50D (P) – Polarizing lens 45° 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 l) or (6 U) – 10 base-in – left eye

6 base-up – right eye (Disassociating prisms)

 $(\pm .50) - \pm 0.50$ 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

