



# AUTOMATED REFRACTION SOLUTIONS

**Increase your efficiency, profitability, and safe distancing.**

- ▶ Ultimate flexibility with unparalleled options
- ▶ Increased efficiency – save time and see more patients
- ▶ Maximize staff resources
- ▶ High tech solutions to impress your patients and increase referrals



**The Leader in Advanced Technology**

# **AUTOMATED** **REFRACTION SOLUTIONS**

**REDUCE** your  
**REFRACTION** time  
by an average of **50%**  
with **MARCO AUTOMATED SYSTEMS\***.



## **TRS-6100 Automated Refraction System**

The latest total refractive system with full automation and superior accuracy

### **FEATURES:**

- » Fast, accurate refraction
- » Streamlined data flow
- » Intuitive, ergonomic keyboard for simple, one-handed operation
- » Programmable monocular fogging better suppresses accommodation and allows more realistic refractions with both eyes open
- » Integrates with most EMR/EHR systems
- » Instantly compares patients' old and new prescriptions

## **TS-610 Tabletop Refractor & Chart System**

Innovative, compact refraction system with integrated chart and refractor

### **INCLUDES ALL TRS-6100 FEATURES PLUS:**

- » Advanced, compact 2' x 2' footprint for efficient workflow
- » Measurements can be taken from either side for seated or standing patients
- » Unique system simulates a 20 foot lane
- » Includes all charts needed for both near and far vision testing



IMPLEMENTATION CAN INCREASE YOUR  
REVENUE\* BY AN AVERAGE OF 30%



## EPIC-6100 Refraction Workstation

All components of the refraction process  
combined for peak efficiency

**INCLUDES ALL TRS-6100 FEATURES PLUS:**

- » 5' x 6' refractive workstation with seamless data connectivity
- » Multiple configurations for ultimate customization
- » Optional customizable accessories for even more versatility
- » Optimal design for delegation and increasing throughput without bottlenecking the exam room
- » 13.5 JACHAPO credit hours through our Marco training institute



## Infinity Software: REFRACT FROM ANYWHERE

Add Infinity software to your Marco automated refractor for maximum versatility.  
Refract from another room or a remote location such as another office or your home.

- Operate your Marco digital refractor from the included tablet or any web browser
- Web cameras allow seamless audio and video interaction between doctor and patient
- Plus, no subscription fees for the Infinity PC Control Panel: You own it!

Infinity is compatible with all 5100/610/6100/EPIC Marco refraction systems



## COMPLIMENTARY

## Workflow Consultations for Maximum Efficiency

Starting a new buildout or remodel? Marco offers complimentary workflow consultations to help you plan the most efficient use of space for your office.

**Schedule an appointment today!**

**Sold Exclusively by Marco Area Managers: [marco.com/findyourareamanager](http://marco.com/findyourareamanager)**

\*Actual results may vary. Consult with your Area Manager to find out how you can increase efficiency and revenue with Marco.



GENERAL SPECIFICATIONS	TRS-6100	TS-610	EPIC-610
Power Supply	100 to 240 V AC, 50/60 Hz	100 to 240 V AC, 50/60 Hz	100 to 240 V AC, 50/60 Hz
Power Consumption	Max. 90 VA	Max. 200 VA	Max. 600 VA
Display	10.4 inch color LCD w/ touch screen	10.4 inch color LCD w/ touch screen	10.4 inch color LCD w/ touch screen
Printer	Built-in	High Speed Line Printer	High Speed Line Printer
IC Reader/Writer	Built-in	Built-in	Built-in

REFRACTOR SPECIFICATIONS	TRS-6100   TS-610   EPIC-6100
Spherical Power	-29.00 to +26.75 D (0.12, 0.25, 0.5, 0.75, 1.00, 1.25, 1.50, 1.75, 2.00, 2.25, 2.50, 2.75, 3.00 D increments)
Cylindrical Power	0.00 to $\pm 8.75$ D (0.25, 1.00, 2.00, 3.00 D increments)
Cylinder Axis	0 to 180° (1° / 5° / 15° increments)
Pupillary Distance	Distance PD: 48 to 80 mm Near PD (35 cm): 50 to 74 mm Full convergence distance PD: 54 to 80 mm
Prism	0.00 to 20.00 $\Delta$ (0.1, 0.5, 2 $\Delta$ increments)
Auxiliary Lenses	Cross cylinder : $\pm 0.25$ D, $\pm 0.50$ D, $\pm 0.25$ D auto cross Occluder Pinhole: 2.0 mm in diameter Color filter: Right red, Left green Polarizing filter: Right 135° / Left 45°, Right 45° / Left 135° Fixed cross cylinder: $\pm 0.50$ D Spherical lens for retinoscope: 0 D, +1.5 D, +2.0 D (selectable by setting) Maddox rod (red): Right horizontal, Left vertical Dispersion prism (fixed): Right 6 $\Delta$ BU, Left 10 $\Delta$ BI Dispersion prism for binocular balance: Right 3-10 $\Delta$ BD, Left 3-10 $\Delta$ BU Dispersion prism for horizontal phoria: Right 3-10 $\Delta$ BU, Left 3-10 $\Delta$ BD Dispersion prism for vertical phoria: Right 5-15 $\Delta$ BI, Left 5-15 $\Delta$ BI Binocular open fogging: 0.00 to +9.00 D
Near Gaze Distance	350 to 700mm (can be changed in 50mm increments)
Field of Vision	40° (at VD = 12 mm) 39° (at VD = 13.75 mm)
Vertex Distance Scale	12, 13.75, 16, 18, 20 mm
Horizontal Level Adjustment	$\pm 2.5^\circ$
Forehead Rest Adjustment	25 $\pm$ 5 mm

CHART SPECIFICATIONS	TS-610
Refraction Distance	Distance: 5 m, Near: 40 cm
Mask	Horizontal line, Vertical line, Single letter
Filter	Red-Green
Binocular vision tests	Red-Green, Prism

TABLE SPECIFICATIONS	EPIC-6100
Dimensions	39" (W) x 29" (D) x 27" to 34" (H)
Drawer Space	28" (W) x 9.5" (D) x 2" (H) inside space
Vertical Movement	Motorized
Refractor Head Lift Arm Vertical Movement Range	25" to 37" from the top of the table
Near Point Lamp	White LED

Marco doesn't just offer the best products – our experts take the time to listen to your needs so we can understand your whole vision and recommend the process that can help you reach your goals.

It's the combination of best technology, smoothest integrated process, robust educational programs, superior product protection, and expert guidance that makes the Marco difference.

**Do it Right. Contact Marco First. MARCO.COM | 1.800.874.5274**

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