

POLARIZED SC-1700 LCD ACUITY CHART SYSTEM



The new Marco SC-1700 LCD Acuity Chart System combines all of the key technological advantages of our SC-2000 LCD system, but with the added clinical benefit of incorporating Polarization into a high-resolution 17-inch LCD screen.

A highly-specialized, dedicated refracting device with an extreme emphasis on precise visual acuities, the SC-1700's unique Polarization feature provides a variety of stereo testing options for binocular vision examinations. The SC-1700 displays each image in a white background with uniform brightness for greater contrast and sharper letter edge quality.



HIGH PERFORMANCE LCD PRESENTATION

FAMILIAR FEATURES AND FUNCTIONS

Incorporating many of the advanced features found on the SC-2000 and the popular Marco CP-690E and CP-770 Automated Chart Projectors, the SC-1700's 36 individual chart selections and automated functions are instantly controlled by a user-friendly infrared remote control. Sophisticated masking features allow you to isolate and maneuver individual horizontal and vertical lines as well as individual letters, numbers, and characters. Additionally, each selected image or line is always displayed in the center of the screen. To prevent memorization, the SC-1700 also allows the operator to randomize letters and characters on any horizontally isolated acuity line.

WIDE RANGE OF EXAM OPTIONS

The SC-1700 offers a comprehensive selection of 20/10 – 20/500 charts including standardized Snellen, Pediatric, illiterate E's, numbers, ETDRS (Logmar), Polarized binocular and other clinically

validated tests. Contrast sensitivity testing is also a standard feature on the SC-1700, providing the ability to measure contrast sensitivity at three distinctive levels below the normal threshold. A customized slide show option allows the operator to download a selection of 18 personalized images to promote or enhance the commercial aspect of a practice. Two individual programming options allow the operator to pre-program any standard sequence of charts or refracting routines.

Other technologically advanced features of the SC-1700 include:

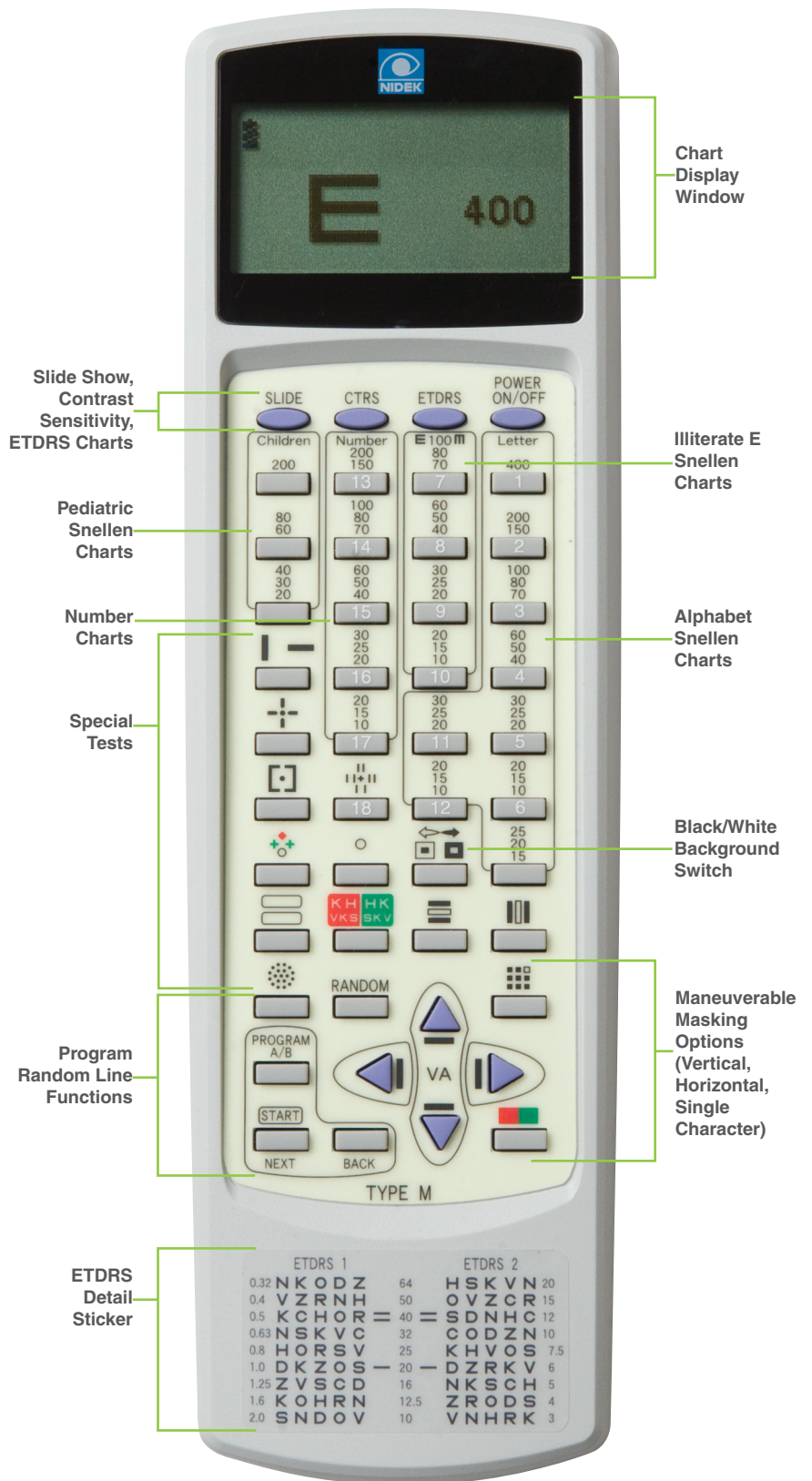
- Adjustable screen brightness level
- Adjustable White/Black Background light
- Reversible image for mirrored rooms
- Auto shut-off function
- 7 selectable working distances automatically calibrates for room size.



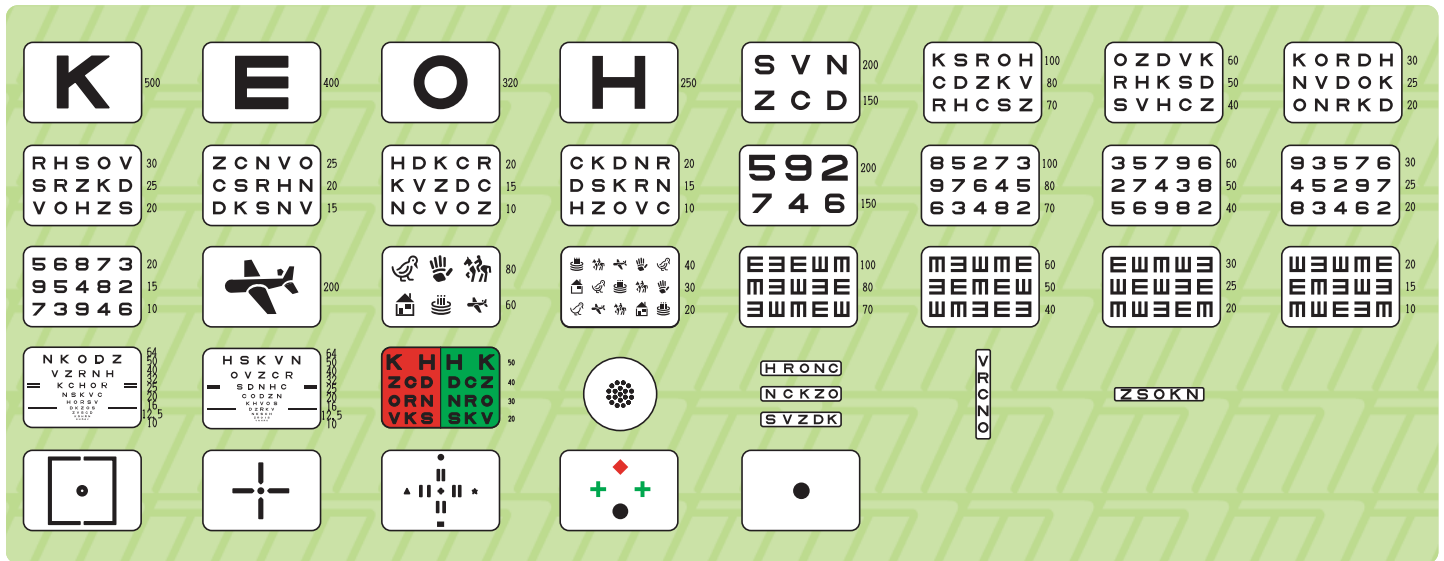
SC-1700 REMOTE CONTROL FUNCTIONS

Extremely functional and easy to use, the SC-1700 remote control includes a chart display window for the operator to view the projected line or image, a glow-in-the-dark control panel, and a magnetized back that conveniently attaches to a metal surface. The standard selection of 36 individual charts include:

- 10 specialty charts include muscle balance test; minute stereo test to quantify distance depth perception; coincidence test; worth four-dot test; fixation spot test; Snellen letters with red/green filter; cross-cylinder test; vertical letters; horizontal letters; and binocular refractive balance test.
- 3 children's charts from 20/20 to 20/200
- 5 number charts from 20/10 to 20/200
- 4 illiterate E charts from 20/10 to 20/100
- 12 Snellen charts from 20/10 to 20/500
- ETDRS Charts
- Masking buttons allow you to isolate individual lines both horizontally and vertically, as well as the isolation of individual letters, numbers, and characters. You can also maneuver an isolated mask up or down the Snellen chart range.
- Individual buttons for contrast sensitivity, ETDRS charts, randomization, and a customized slide show are conveniently located.
- Individual Red / Green filter can be used over any appropriate chart.
- Two individual program buttons are used to set up and operate a pre-programmed refracting sequence.



SC-1700 CHART TYPES



SPECIFICATIONS

LCD	
Type	17-inch SXGA LCD with long-lasting backlight
Resolution	1280 x 1024 pixels
Chart Window Size	13.6" (W) x 10.86" (H)
Brightness	200 cd/m ² (5 level variable)
CHARTS	
Type M, Type UK, Type P, Type T	
Distance of Installation	
2.5-6m (8.2'-19.8') (in the Mirror mode; 5 to 6m), 0.5m increments	
Chart Selection Devices	
Remote control or control panel for TRS (RT-5100) refraction system	
Memory Card	
CF card / Built-in card slot	
Power Supply	
AC100 V- 240 V, 50 / 60 Hz	
Power Consumption	
100 VA	
Dimensions & Weight	
14.96" (W) x 13.43" (H) x 2.73" (D) / 11 lbs.	
Standard Accessories	
Anchor Screws (x4), Mounting Plate, Tilting Mounting Bracket	
Optional Accessories	
Remote control	



The SC-1700 also integrates with the TRS-5100 Refraction System.

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.



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