### SC-2000 CHART TYPES

![Chart Types Diagram]

### SC-2000 LCD ACUITY CHART SYSTEM

**High Resolution 19-inch LCD**
- Precise, Uniform Brightness
- Wide Range of Popular Charts
- Advanced Automated Features
- Contrast Sensitivity Testing
- Letter, Character Randomization
- User-Friendly Remote Control

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**SPECIFICATIONS**

<table>
<thead>
<tr>
<th><strong>LCD</strong></th>
<th><strong>Type</strong></th>
<th>19-inch SXGA liquid crystal with long-lasting backlight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Resolution</strong></td>
<td>1280 x 1024 pixels</td>
</tr>
<tr>
<td></td>
<td><strong>Chart Window Size</strong></td>
<td>15” (W) x 12” (H)</td>
</tr>
<tr>
<td></td>
<td><strong>Brightness</strong></td>
<td>230 ±30 cd/m²</td>
</tr>
</tbody>
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<tr>
<th><strong>CHARTS</strong></th>
<th><strong>VA Chart Type</strong></th>
<th>Snellen Letters, Numbers, Children, Tumbling E’s Single Letter, Horizontal Line, Vertical Line Decimal : (0.03) – (2.0) 20f : (6/6) – (1/0) 6m : (20/20) – (3) R/G, Dots, ETDRS, Phoria with fixation, Coincidences, Binocular, Stereo, Worth Four Dot Test</th>
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<td><strong>Special Chart Type</strong></td>
<td>Remote Control or Control Panel for TRS Refraction System. NOTE: Letter Randomization and Customized Slide Show features are not available on the TRS control panel.</td>
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<tr>
<td><strong>Distance of Installation</strong></td>
<td>3-6m (10-20 ft.)</td>
<td></td>
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<td><strong>Chart Selection Devices</strong></td>
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<tr>
<td><strong>Memory Card</strong></td>
<td>SD card / Built-in card slot</td>
<td></td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>100 VA</td>
<td></td>
</tr>
<tr>
<td><strong>Dimensions &amp; Weight</strong></td>
<td>20” (W) x 22” (H) x 1.5” (D) / 16.5 lbs.</td>
<td></td>
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</table>

**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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**SAFETY TIPS**

- **Play it safe.**
- Protect your warranty. Buy your Marco product only from an authorized Marco distributor. Call Marco for the name of the distributor nearest you.
**WIDE RANGE OF EXAM OPTIONS**
The SC-2000 offers a comprehensive selection of 20/10 – 20/600 charts including standardized Snellen, Pediatric, illiterate E’s, numbers, ETDRS (LogMar), binocular and other clinically validated tests. Contrast sensitivity testing is also a standard feature on the SC-2000, 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.

**OTHER TECHNOLOGICALLY ADVANCED FEATURES OF THE SC-2000 INCLUDE:**
- Adjustable Screen Brightness Level
- Adjustable Background light (White/Black for specialty charts)
- Reversible image for mirrored rooms
- Auto shut-off function
- 7 selectable working distances automatically calibrates for room size.

**SC-2000 REMOTE CONTROL FUNCTIONS**
Extremely functional and easy to use, the SC-2000 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 any metal surface. The standard selection of 35 individual charts include:

- 11 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
- 11 Snellen charts from 20/10 to 20/600
- 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.
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HIGH PERFORMANCE LCD PRESENTATION
The Marco SC-2000 LCD Acuity Chart System combines all of the key elements of advanced clinical refractions and automated LCD technology. A dedicated refracting device with an extreme emphasis on precise visual acuities and impressive visual aesthetics, the SC-2000 utilizes a high resolution 19-inch LCD screen for high performance acuity presentations. The SC-2000 displays each image in a white background with uniform brightness for greater contrast and sharper letter edge quality.

FAMILIAR FEATURES
Incorporating many of the advanced features found on the popular Marco CP-690E Automated Chart Projector, the SC-2000’s 35 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 letter memorization, the SC-2000 also allows the operator to randomize letters and characters on any horizontally isolated acuity line.

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- VA Chart Type: Snellen Letters, Numbers, Children, Tumbling E’s
- Masks: Single Letter, Horizontal Line, Vertical Line
- Range: Decimal : (0.03) – (2.0)
  - 20F : (600) – (10)
  - 6m : (200) – (3)
- Special Chart Type: R/G, Dots, ETDRS, Phoria with fixation, Coincidences, Binocular, Stereo, Worth Four Dot Test

**Distance of Installation**
- 3-6m (10-20 ft.)

**Chart Selection Devices**
- Remote Control or Control Panel for TRS Refraction System. NOTE: Letter Randomization and Customized Slide Show features are not available on the TRS control panel.

**Memory Card**
- CF card / Built-in card slot

**Power Supply**
- AC100 V-230V
- 50 / 60 Hz
- 100 VA

**Power Consumption**
- 100 VA

**Dimensions & Weight**
- 20” (W) x 22” (H) x 1.5” (D) / 16.5 lbs.

**Standard Accessories**
- Anchor Screws (x4), Mounting Plate

**Optional Accessories**
- Remote control, Hand-held Prism glasses, Hand-held Red/Green glasses

- High Resolution 19-inch LCD
- Precise, Uniform Brightness
- Wide Range of Popular Charts
- Advanced Automated Features
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