

ClearChart® 3P

Polarized Digital Acuity System

Comprehensive, all-in-one acuity testing system.

ClearChart® 3P Polarized Digital Acuity System

The Reichert® **ClearChart® 3P Polarized Digital Acuity System** is designed to meet all of your acuity testing needs with a wide selection of optotypes, fusion and stereopsis charts, as well as other special test charts. This proprietary all-in-one system is free of hard drives and fans for quiet, efficient operation in your exam room. The Linux operating system ensures consistent and reliable performance and the 24" LED backlit display offers cool and long lasting illumination. The linear Polarized screen has polarization angles of 45° and 135° and an articulating mount is provided for proper installation.

ClearChart 3P has a simple, clean design that is not distracting to patients and will keep them focused on the test charts displayed. Chart and optotype selections are extensive, and can be easily accessed with the infrared remote provided, or through the Reichert Auto Phoropter RS® Automated Refraction System controller. Optotypes can be easily randomized, and increased or decreased in size through either interface.

Optotype Selection:

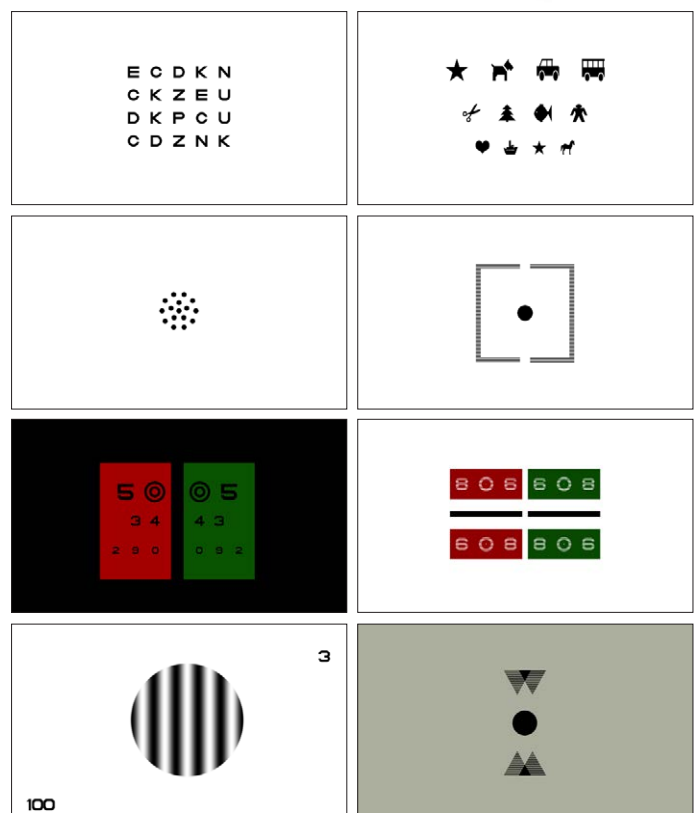
- 17 Letter Set, 8 Letter Set, Sloan, Landolt C, Landolt C O, Numbers, Tumbling E, Cyrillic
- Children's Optotypes: Osterberg, Pigassou (with key card), Kolt-Like Symbols, Sheridan Gardiner letters (with key card), Lower Case Letters, Allen Symbols, Other Children's Images
- Decimal, Snellen or Metric notation can be selected.
- Standard and Logmar progressions are available.

Special Test Charts:

- Astigmatic Tests: Cross Cylinder Dot Test, Astigmatic Dial with Numbers, Astigmatic Dial with Lines, Astigmatic T
- Fusion and Phoria Test Charts: Fixation Dot, Fixation Dot with Lines, Aniseikonia, Mallet, Maddox Light
- Binocular Balance Charts: Schober, Red/Green filters for optotypes, Red/Green Chart, Polarized Chart with lines of decreasing size numbers, Polarized Red/Green
- Complete MKH chart sequence for Phoria and Stereopsis testing
- Suppression Tests: Worth 4 and Red/Green letters
- Crowding Bars
- Contrast Sensitivity Testing: Sine Wave Grating with 5 frequency levels, adjustable contrast and image angle, and the ability to plot or download data points
- ETDRS Test Charts
- Color Vision

Additional Features:

- Children's video and educational images with the ability to add custom videos or images as desired.



Specifications

Catalog Number	13780AG Logmar/Decimal Remote Control 13780DL Linear/Decimal Remote Control 13780SE Snellen/Standard Remote Control
Display	24 inch LED backlit LCD (1920x1080 Pixels)
Max Illumination	220 cd/m ²
Photopic Illumination	85 cd/m ²
Mesopic Illumination	3 cd/m ²
Height	38.8 cm (14.9 in.)
Width	60.5 cm (23.8 in.)
Depth	7.7 cm (3.1 in.)
Weight (unpacked)	5.3 kg (11.6 lbs.)
Electrical	100-240 V, AC 50/60 Hz
Power Usage	50 VA
Refraction Range	1.83 m (6 ft) - 7.5 m (24.6 ft)

Visit www.reichert.com or contact your Authorized Reichert Technologies Distributor.

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