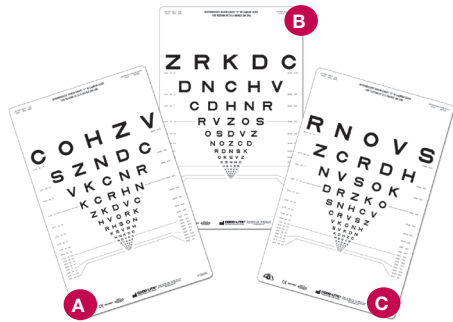


## Intermediate Distance Charts

### 80 cm and 66 cm Sloan Letters Intermediate Distance Charts

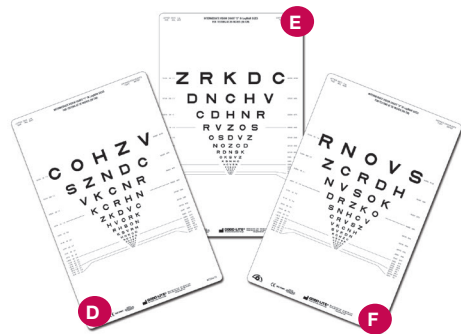
Charts calibrated to test visual acuity at an intermediate distance of 31" (80 cm) or 26" (66 cm). Charts are available in 3 scrambled versions for repetitive testing situations. Sloan Letters optotypes with proportionally spaced lines; line sizes range from 20/400 to 20/10 (6/120 to 6/3) equivalent. Notations for Letter Size, Decimal, and logMAR are also on the chart. Chart fits in Quantum Series, Model A+, and Model A illuminated cabinets. Chart size is 9" x 14" (22.9 cm x 35.6 cm). 31" (80 cm) testing distance.

### 80 cm Intermediate Distance Charts



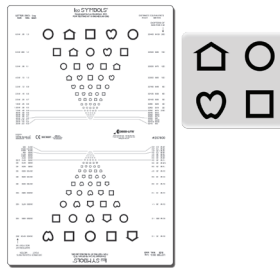
- A** 80 cm Chart 1 ..... 758400
- B** 80 cm Chart 2 ..... 758500
- C** 80 cm Chart 3 ..... 758600

### 66 cm Intermediate Distance Charts



- D** 66 cm Chart 1 ..... 758410
- E** 66 cm Chart 2 ..... 758510
- F** 66 cm Chart 3 ..... 758610

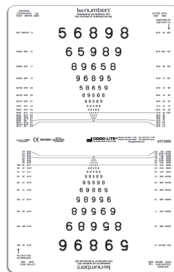
## Near Vision Charts for ESV1200 & Model A+



### LEA SYMBOLS® Near Vision Chart

Proportionally spaced (logMAR) lines; line sizes range from 20/400 to 20/10 (6/120 to 6/3) equivalent. Chart fits in Quantum Series, Model A+, and Model A illuminated cabinet. Chart size is 9" x 14" (22.9 cm x 35.6 cm). Includes response key.

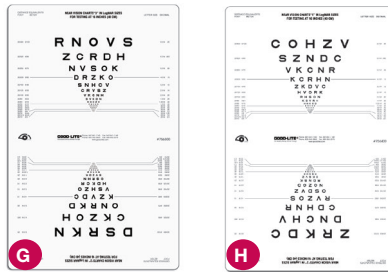
..... 257800



### LEA NUMBERS® Near Vision Chart

Proportionally spaced (logMAR) lines; line sizes range from 20/400 to 20/10 (6/120 to 6/3) equivalent. Chart fits in Quantum Series, Model A+, and Model A illuminated cabinet. Chart size is 9" x 14" (22.9 cm x 35.6 cm).

..... 273000

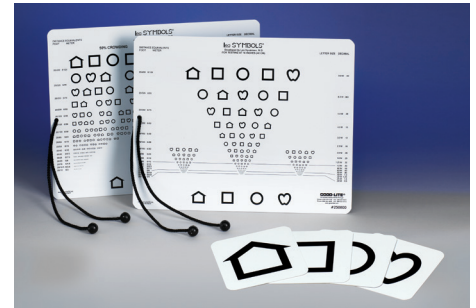


### Sloan Letter Near Vision Charts

Proportionally spaced (logMAR) lines; line sizes range from 20/400 to 20/10 (6/120 to 6/3) equivalent. Chart fits in Quantum Series, Model A+, and Model A illuminated cabinet. Chart size is 9" x 14" (22.9 cm x 35.6 cm).

- G** ..... 756300
- H** ..... 756400

## Near Vision Acuity Cards for 16 inches/40 centimeters

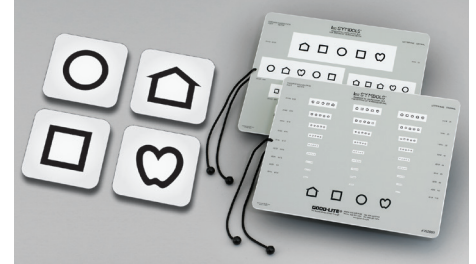


### LEA SYMBOLS® Near Vision Card (16 inches/40 centimeters)

This test assesses a child's functional vision at near distances. Can also be used to familiarize child with testing procedure before introducing a distance test.

Proportionally spaced (logMAR) lines on one side and more tightly-spaced symbols on the opposite side. Line sizes range from 20/400 to 20/10 (6/120 to 6/3) equivalent, 0.05 to 2.00. Response key printed on test card. Includes training cards and instructions. Card measures 8" x 10" (20.3 cm x 25.4 cm).

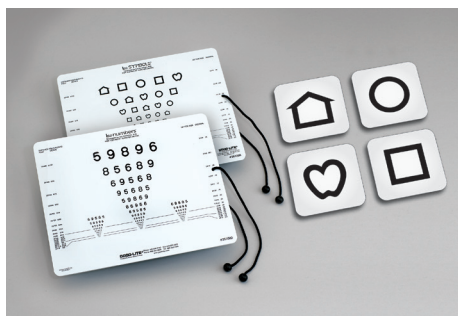
..... 250800



### LEA SYMBOLS® Near Vision Screener (16 inches/40 centimeters)

This test is designed for amblyopia testing or screening. The background is gray with the exception of a white rectangle spaced at 100% surrounding each line of symbols. Line sizes from 20/400 to 20/16 (6/120 to 6/4.8) equivalent, 0.05 to 1.25. Printed on two sides. Response key is printed on the test card. Includes training cards and instructions. Screener measures 8" x 10" (20.3 cm x 25.4 cm).

..... 252000



### LEA SYMBOLS® & LEA NUMBERS® Near Vision Card (16 inches/40 centimeters)

This card combines a LEA SYMBOLS® line test on one side and a LEA NUMBERS® line test on the other. Proportionally spaced (logMAR) lines from 20/400 to 20/10 (6/120 to 6/3) equivalent, 0.05 to 2.00. Response key is printed on the test card. Training cards and instructions included. Card measures 8" x 10" (20.3 cm x 25.4 cm).

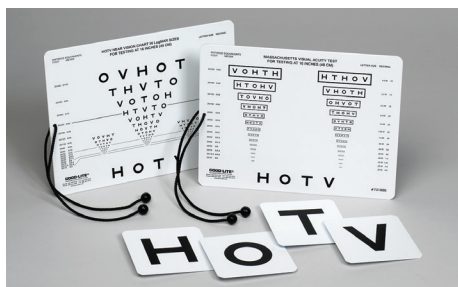
..... 251000



### LEA NUMBERS® Near Vision Card (16 inches/40 centimeters)

Proportionally spaced (logMAR) lines on one side and more tightly-spaced numbers on the other. Line sizes from 20/400 to 20/10 (6/120 to 6/3) equivalent, .05 to 1.25. Card measures 8" x 10" (20.3 cm x 25.4 cm).

..... 270900



### HOTV Near Vision Card (16 inches/40 centimeters)

This double-sided card combines Proportionally spaced (logMAR) lines on one side and 50% spaced rectangle (MassTest™ format) on the other. Line sizes range from 20/400 to 20/10 (6/120 to 6/3) equivalent, 0.05 to 2.00 Includes training cards and instructions. 8" x 10" (20.3 cm x 25.4 cm).

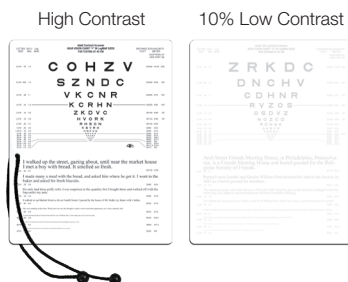
..... 731000



### Sloan Letters Near Vision Card (16 inches/40 centimeters)

Proportionally spaced (logMAR) lines; line sizes range from 20/400 to 20/10 (6/120 to 6/3) equivalent, 0.05 to 2.00. Printed on both sides. 7" x 9" (17.8 cm x 22.9 cm).

..... 729000



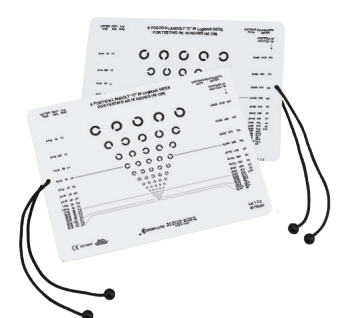
### Combination Near Vision and Reading Card with High Contrast and 10% Low Contrast

Near Vision Card has both continuous text reading examples and ETDRS format Sloan Letters. The front side of the card is 100% black optotypes while the reverse side is 10% low contrast level.

Sloan Letters line sizes range from 20/400 to 20/10 equivalent with continuous text line sizes ranging from 20/100 to 20/20 equivalent. Notations are indicated in Snellen in Feet/ Meters, logMAR, Decimal, Letter Size and Diopters of Add.

Near vision card measures 10" x 8" (25.4 cm x 20.32 cm) and comes with attached 16" (40 cm) measuring cord for easy use. Printed on styrene for long lasting durability.

English ..... 684700  
 Spanish ..... 658500  
 Portuguese ..... 658600  
 French ..... 658700



### Landolt C and Tumbling E Near Vision Card (16 inches/40 centimeters)

Proportionally spaced (logMAR) lines; line sizes range from 20/400 to 20/10 (6/120 to 6/3) equivalent, 0.05 to 2.00. Printed on both sides. 7" x 9" (17.8 cm x 22.9 cm).

..... 728000



### Combination Near Vision and Reading Card

Near Vision Card has both continuous text reading examples and ETDRS format Sloan Letters. Sloan Letters line sizes range from 20/400 to 20/10 equivalent with continuous text line sizes ranging from 20/100 to 20/20 equivalent. Notations are indicated in Snellen in Feet/ Meters, logMAR, Decimal, Letter Size and Diopters of Add.

This near vision card is available in different languages.

Near vision card measures 10" x 8" (25.4 cm x 20.32 cm) and comes with attached 16" (40 cm) measuring cord for easy use. Printed on styrene for long lasting durability.

English ..... 684600  
 Spanish ..... 658100  
 Portuguese ..... 658200  
 French ..... 658300

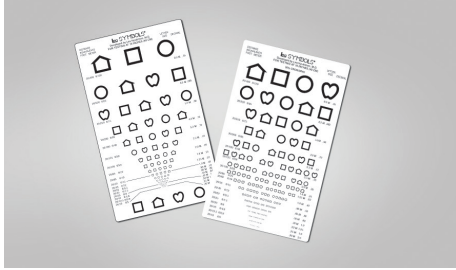
### 8 Position Landolt C Near Vision Card (16 inches/40 centimeters)

8 Position Landolt C near vision card with C openings at up, down, left, right and each 45° angle. Near vision card with proportionally spaced (logMAR) lines; line sizes range from 20/400 to 20/10 (6/120 to 6/3) equivalent. Attached 16-inch (40 cm) measuring cord ensures proper screening distance. 8 Position Landolt C printed on both sides in scrambled order for repetitive testing. 7" x 9" (17.8 cm x 22.9 cm).

..... 779000

# Near Vision and Reading Visual Acuity

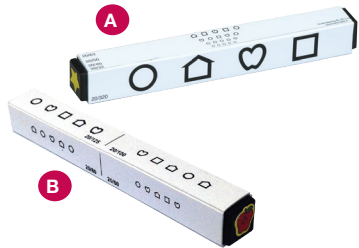
## Near Vision Pocket Cards for 16"/40 cm



### LEA SYMBOLS® Pocket-Sized Near Vision Card (16 inches/40 centimeters)

Use this small pocket card to quickly determine whether a child's visual acuity is within the normal range. Proportionally spaced (logMAR) lines on one side and 50% spaced symbols on the opposite side. Line sizes from 20/400 to 20/10 (6/120 to 6/3) equivalent, 0.05 to 2.00 3.75" x 6.25" (9.5 cm x 15.9 cm).

..... 250950



### LEA SYMBOLS® Pocket Box Stick (16 inches/40 centimeters)

The LEA SYMBOLS® Pocket Box Stick shows 20/125, 20/100, 20/80, 20/60, 20/50, 20/40, 20/30, and 20/20 lines. Each stick is 9/16" (1.4 cm) square and 4.5" (11.5 cm) long with fixation targets on each end.

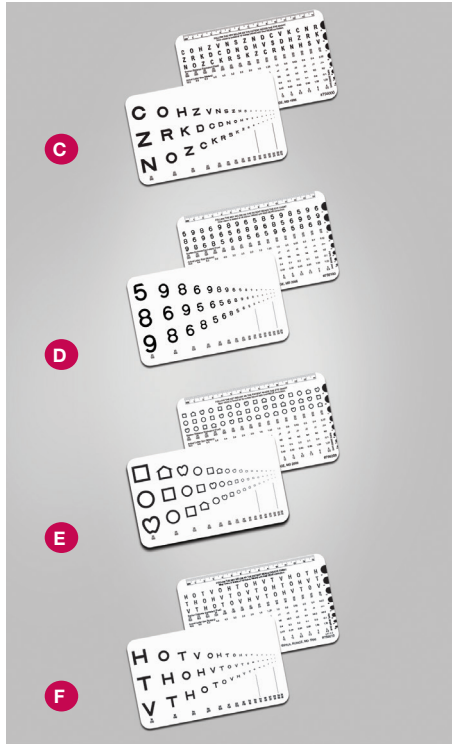
- A** Proportionally spaced . . . . . 486200
- B** Linear-spaced . . . . . 507100



### LEA NUMBERS® Pocket-Sized Near Vision Card (16 inches/40 centimeters)

Use this small pocket card to quickly discover whether a child's or an adult's visual acuity is within the normal range. Proportionally spaced (logMAR) lines on one side and more tightly-spaced numbers on the other. Line sizes from 20/400 to 20/10 (6/120 to 6/3) equivalent, 0.05 to 2.00 3.75" x 6.25" (9.5 cm x 15.9 cm).

..... 271000



### Runge Pocket-Sized Near Vision Card (16 inches/40 centimeters)

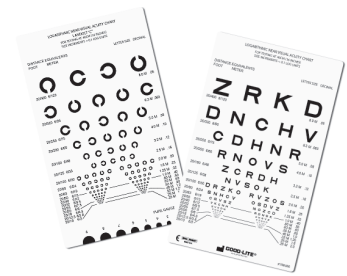
Sloan Letters, LEA NUMBERS®, or LEA SYMBOLS® Pocket Near Cards with line sizes ranging from 20/500 to 20/16 equivalent, 0.04 to 1.25 at 16" (40 cm). Near acuity measurements and their equivalents are listed on reverse side. 3.75" x 6.25" (9.5 cm x 15.9 cm).

- C** Sloan Letters . . . . . 756000
- D** LEA NUMBERS® . . . . . 756100
- E** LEA SYMBOLS® . . . . . 756200
- F** HOTV . . . . . 756010

### Sloan Letters Pocket-Sized Near Vision Card (16 inches/40 centimeters)

Sloan letters with line sizes of 20/400 to 20/10 (6/120 to 6/3) equivalent, 0.05 to 2.00 on one side. Continuous text is printed on the reverse side with line sizes 20/80 to 20/16. 3.75" x 6.25" (9.5 cm x 16 cm).

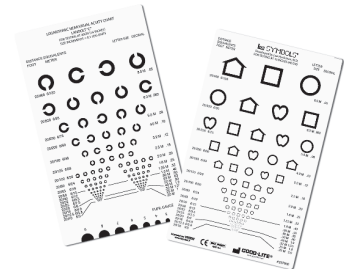
..... 744000



### Sloan Letters and Landolt C Pocket-Sized Near Vision Card

This easy-to-use visual acuity near vision card features Landolt C on one side and Sloan Letters on the other. Both sides have optotypes in proportionally spaced (logMAR) lines with line sizes ranging from 20/400 to 20/10 (6/120 to 6/3) equivalent, 0.05 to 2.00. Card size is 3.75" x 6.25" (9.5 cm x 15.9 cm). Testing distance is 16" (40 cm).

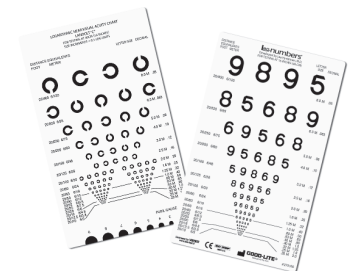
..... 758300



### LEA SYMBOLS® and Landolt C Pocket-Sized Near Vision Card

This easy-to-use visual acuity near vision card features Landolt C on one side and LEA SYMBOLS® pediatric symbols on the other. Both sides have optotypes in Proportionally spaced (logMAR) lines with line sizes ranging from 20/400 to 20/10 (6/120 to 6/3) equivalent, 0.05 to 2.00. Card size is 3.75" x 6.25" (9.5 cm x 15.9 cm).

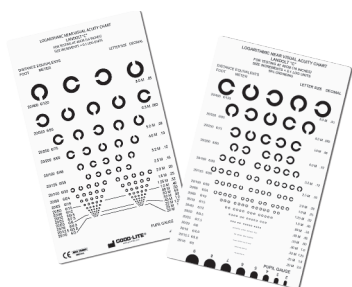
..... 257900



### LEA NUMBERS® and Landolt C Pocket-Sized Near Vision Card

This easy-to-use visual acuity near vision card features Landolt C on one side and LEA NUMBERS® on the other. Both sides have optotypes in proportionally spaced (logMAR) lines with line sizes ranging from 20/400 to 20/10 (6/120 to 6/3) equivalent, 0.05 to 2.00. Card size is 3.75" x 6.25" (9.5 cm x 15.9 cm).

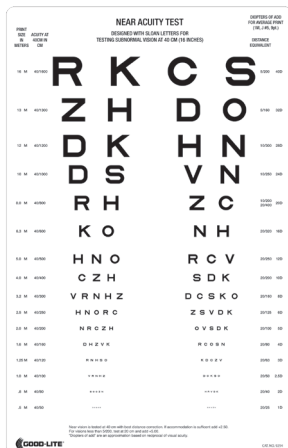
..... 273100



## Landolt C Near Pocket-Sized Vision Card

This easy-to-use visual acuity near vision card features Landolt C. Both sides have optotypes in proportionally spaced (logMAR) lines with line sizes ranging from 20/400 to 20/10 (6/120 to 6/3) equivalent, 0.05 to 2.00. Card size is 3.75" x 6.25" (9.5 cm x 15.9 cm).

..... 758700



## Near Acuity Test Chart

This standardized assessment is designed with Sloan letters for testing subnormal low vision. Acuity range 16M to .5M (5/200 to 20/25). Measures 9" x 14" (23 cm x 35.5 cm)

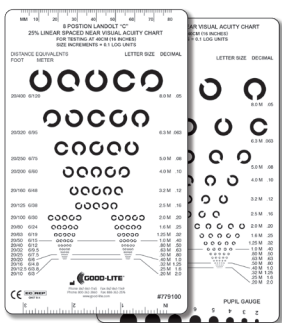
..... 925400



## "Bee" Continuous Text Card

This near vision reading card includes simple sentences in proportionally spaced (logMAR) lines with Snellen equivalent notation. Acuity range 8.0M to .4M (20/400 to 20/20). Pediatric card tests children with elementary reading levels (grades 1-3). Two-sided, measures 7" x 9" (18 cm x 23 cm).

..... 926100



## 8 Position Landolt C Pocket-Sized Near Vision Card (16 inches/40 centimeters)

8 Position Landolt C near vision card with C openings at up, down, left, right and each 45° angle. 8 Position Landolt C near vision card with proportionally spaced (logMAR) lines; line sizes range from 20/400 to 20/10 (6/120 to 6/3) equivalent, 0.05 to 2.00. Card size is 3.75" x 6.25" (9.5 cm x 15.9 cm).

..... 779100



## Number & Word Recognition Pocket-Size Test Card

Designed as a rapid test for checking current prescription and accuracy of the add to be prescribed. Contains words on one side and numbers on the reverse. Line increments in logMAR units in Snellen equivalent. Acuity range 8.0M to .4M (20/400 to 20/20). Measures 3.5" x 6.5" (9.5 cm x 16 cm)

..... 926000



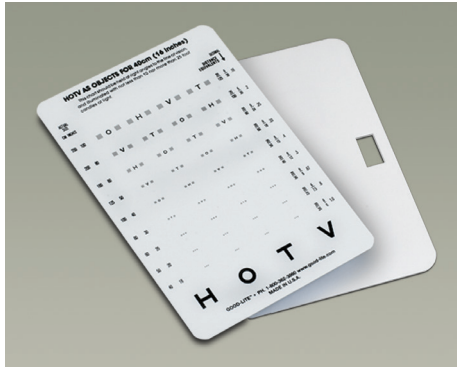
## "Bird" Continuous Text Card

Simple sentences in proportionally spaced (logMAR) lines with Snellen equivalent notations. Acuity range 8.0M to .4M (20/400 to 20/20). Pediatric card tests children with elementary reading levels (grades 1-3). Two-sided, measures 7" x 9" (18 cm x 23 cm).

..... 926400

# Near Vision and Reading Visual Acuity

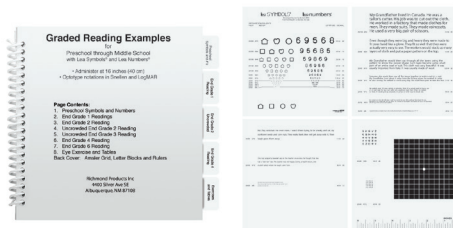
## Near Vision Reading Cards for 16"/40cm



### Crowded HOTV Near Vision Card (16 inches/40 centimeters)

Crowded line sizes from 20/125 to 20/20 (6/38 to 6/6) equivalent, .16 to 1. Instructions printed on reverse. Includes paper isolating mask. 5.5" x 8" (14 cm x 20.3 cm).

..... 726000



### Graded Reading Near Vision Booklet

This easy-to-use near vision reading book provides appropriate reading examples for preschool through 6th grade, according to Flesch-Kincaid grade levels. The preschool section provides preschool testing using the clinically tested LEA SYMBOLS® together with LEA NUMBERS®, which provide a narrow acuity threshold. Each tab along the side of the book allows the user to quickly go to the grade to be tested.

Each Grade Level has examples for 20/100, 20/80, 20/63, 20/50, 20/40, 20/32, and 20/20. The Reading Booklet also provides double-spaced examples for 2nd and 3rd grade students with suspected amblyopia, an Amsler Grid, an Acuity Equivalent Chart for 7 different optotype measurement nomenclatures, an Accommodation test, and an Astigmatic Chart.

Book has tabbed pages for ease of use and is printed on durable styrene. Coil binding permits the least distracting method of page presentation. Dimensions are 6.25" x 6.25" (16 cm x 16 cm) exclusive of tabs and binding.

..... 571100



### Lebensohn Near Vision Card (14 inches/35.6 centimeters)

This 2-sided contemporary reading card, designed by James Lebensohn,

MD, provides a full range of near vision exercises, including words, numbers, and OX symbols. Optotypes include 20/800, 20/400, 20/260, 20/200, 20/100, 20/65, 20/50, 20/40, 20/30, 20/25, and 20/20. Notation equivalents include decimal readings in English and metric, Jaeger, point size, and visual efficiency percentages. Red/green bars employed on 5 pt to 12 pt optotypes. Card size is 5.5" x 8.5" (14 cm x 22 cm).

..... 119010

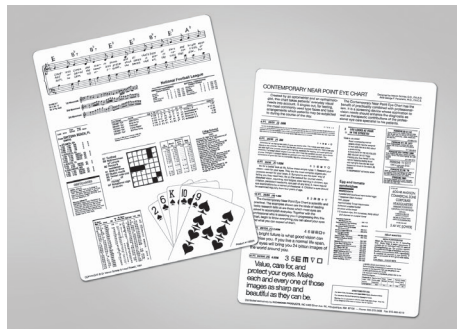


### Fonda-Anderson Near Vision Reading Card (16 inches/40 centimeters)

One side displays continuous text while the other side has LEA

SYMBOLS®, LEA NUMBERS®, and Sloan Letters. Card measures 5" x 8" (12.7 cm x 20.3 cm).

..... 727000



### Contemporary Near Vision Card (16 inches/40 centimeters)

This 2-sided contemporary reading card provides familiar reading exercises, such as a crossword puzzle, help wanted ads, football and basketball scores, music song bar, calendar, playing cards, recipes, instructions, telephone white page listings, and TV listings. Continuous text examples are equivalent to 20/160, 20/100, 20/80, 20/50, 20/40 and 20/30. Notation equivalents include Jaeger and point size. Card size is 8.5" x 11" (21.5 cm x 28 cm).

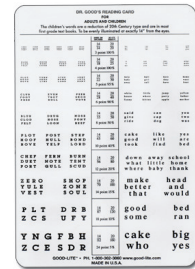
..... 119000



### Wormington Near Reading Card (16 inches/40 centimeters)

The Wormington Near Vision Card corrects inaccuracies of the Rosenbaum Vision Screener noted by Horton and Jones (1997) and others. For example, the "J" Notation, which lacked associated standards, was eliminated. The Wormington Near Vision card measures a patient's single optotype near vision acuity and reading acuity. Card features Times Roman font and Tumbling Es and provides a metric scale and pupil size array to enhance versatility.

..... 756075



### Dr. Good's Near Vision Reading Card (14 inches/35.6 centimeters)

First-grade words. Line sizes from 20/160 to 20/20 (6/48 to 6/6) equivalent, 12 to 1. Card measures 5.5" x 8" (14 cm x 20.3 cm).

..... 724000

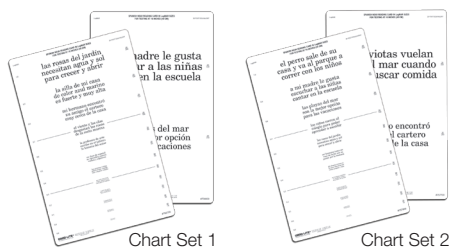


### Sloan Letters Near Card (16 inches/40 centimeters)

Linear-spaced lines. Line sizes range from 20/400 to 20/16 (6/120 to 6/4.8) equivalent, 0.05 to 1.25. 5.5" x 8" (14 cm x 20.3 cm).

..... 725000

# Spanish Near Vision and Reading Cards for 16"/40 cm



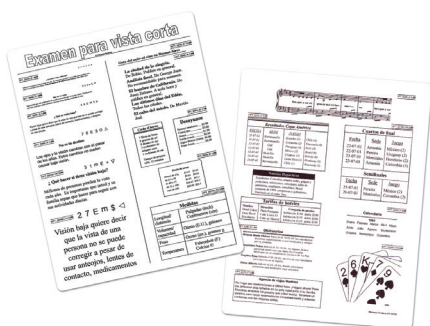
## 9x14 Spanish Near Reading Charts for Illuminated Cabinets

Continuous text reading cards in Spanish designed to fit in the ESV1200 or ESV1500 illuminated light box. Chart set includes 2 charts and available in two versions for repetitive testing.

Line sizes range from 20/320 to 20/250 on one chart and 20/200 to 20/16 equivalent. 16"/40 cm testing distance.

Chart Set 1 . . . . . **756780**

Chart Set 2 . . . . . **756760**



## Spanish Contemporary Near Vision Card (16 inches/40 centimeters)

This card provides a variety of Spanish language reading examples in order to ensure that one is familiar to your patients. These include a song, train schedule, movie schedule, calendar, obituary, recipe, and soccer schedule. In addition, the chart includes reading examples for acuity levels at 20/30, 20/40, 20/50, 20/800, 20/100, and 20/160. Card is approximately . 8.5" x 10.5" (28 cm x 22 cm) and is laminated for durability.

. . . . . **547300**

## Spanish Sloan Letters Near Pocket Card (16 inches/40 centimeters)

Sloan Letters with line sizes of 20/400 to 20/10 (6/120 to 6/3) equivalent, 0.05 to 2.00 on one side. Continuous text in Spanish is printed on the reverse side with line sizes 20/80 to 20/16. 3.75" x 6.25" (9.5 cm x 16 cm).



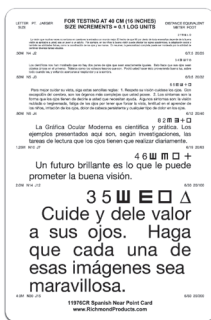
. . . . . **745000**

## Spanish Wormington Near Reading Card (16 inches/40 centimeters)

This is a Spanish translation of the Wormington card. The known inaccuracies of the Rosenbaum Vision Screener as noted by Horton and Jones (1997) and others have been corrected in the Wormington card. The 'J' notation has been eliminated due to the lack of standards associated with it. This card measures a patient's single letter near acuity and reading acuity. Font used is Times Roman, typical of newspapers and books. Tumbling E series, metric scale, and pupil size array enhance the card's versatility.



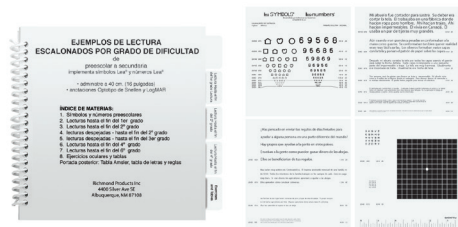
. . . . . **756085**



## Spanish Near Point Card (16 inches/40 centimeters)

This Spanish language continuous text near point reading card includes notation equivalents for Jaeger, letter size, font size, Snellen feet, and Snellen meters. Determines acuity levels at 20/25, 20/30, 20/40, 20/60, 20/100 and 20/200. 5" x 7.5" (13 cm x 18 cm) card is printed on white styrene plastic.

. . . . . **119760**



## Spanish Graded Reading Near Vision Booklet

This easy-to-use Spanish near vision reading book provides appropriate reading examples for preschool through 6th grade, according to Flesch-Kincaid grade levels. The Preschool section provides preschool testing using the clinically tested LEA SYMBOLS® together with LEA NUMBERS®. Each tab along the side of the book allows the user to quickly go to the grade to be tested.

Each Grade Level has examples for 20/100, 20/80, 20/63, 20/50, 20/40, 20/32, and 20/20. This reading booklet also provides double-spaced examples for 2nd and 3rd grade students with suspected amblyopia, an Amsler grid, an Acuity Equivalent Chart for 7 different optotype measurement nomenclatures, an Accommodation test, and an Astigmatic Chart.

Book has tabbed pages for ease of use and is printed on durable styrene. Coil binding permits the least distracting method of page presentation. Dimensions are 6.25" x 6.25" (16 cm x 16 cm) exclusive of tabs and binding.

. . . . . **592300**



## Combination Near Vision and Reading Card

Near Vision Card has both continuous text reading examples and ETDRS format Sloan Letters. Sloan Letters line sizes range from 20/400 to 20/10 equivalent with continuous text line sizes ranging from 20/100 to 20/20 equivalent. Notations are indicated in Snellen in Feet/ Meters, logMAR, Decimal, Letter Size and Diopters of Add.

Near vision card measures 10" x 8" (25.4 cm x 20.32 cm) and comes with attached 16" (40 cm) measuring cord for easy use. Printed on styrene for long lasting durability.

Spanish Language. . . . . **658100**  
with 10% Contrast Level on Back . . **658500**

# Near Vision and Reading Visual Acuity

## Miscellaneous Near Vision Items



### LEA SYMBOLS® Playing Cards

These specially designed playing cards make it easy to measure near visual acuity in young children, while teaching concepts of similar/different, big/small, bigger/smaller. The 4 packs contain 16 cards each with symbols of varying sizes: 16M and 10M, 6.3M and 4M, 2.5M and 1.6M, and 1M and 0.63M. Includes training cards and instructions. The paper cards measure 1.6" x 2.75" (4 cm x 7 cm).

..... 252500



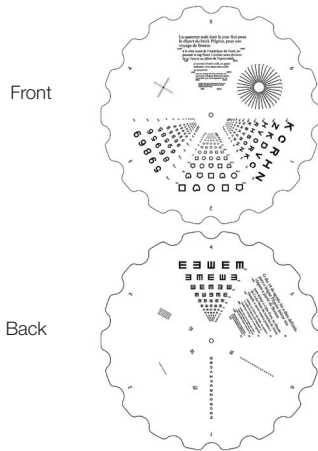
### LEA SYMBOLS® Domino Cards

Assess the near visual acuity of 2- and 3-year-old children, or use the cards at any age (older than 2+ years) to train an amblyopic eye. Set contains 3 packs of 16 domino-like cards with a large symbol at one end and a small symbol at the opposite end. Symbol sizes are 3.2M and 0.8M, 2.0M and 0.5M, and 1.25M and 0.3M. Each symbol on the card is printed with its M unit, decimal value, 6 meter, and 20 foot equivalency for visual acuity value at 40 cm testing distance. Includes training cards and instructions. Paper cards measure 1.6" x 2.75" (4 cm x 7 cm).

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### Phoropter Roto Chart

This versatile near point Roto chart for the phoropter contains a variety of tests for the eye care professional. Fits on a phoropter using both the phoropter rod and clip. Notched wheel for easy chart selection. The Roto Chart comes in 2 versions and contains the following tests:



### Phoropter Roto Chart 1 Features (Portuguese):

- Sloan Letters: Line sizes ranging from 20/200 to 12.5/20
- LEA SYMBOLS®: Line sizes ranging from 20/160 to 20/12.5
- LEA NUMBERS®: Line sizes ranging from 20/160 to 20/12.5
- HOTV: Line sizes ranging from 20/160 to 20/12.5
- Tumbling E: Line sizes ranging from 20/200 to 20/12.5
- Astigmatic Wheel
- English and Spanish continuous text
- 20/32 and 20/63 Sloan Letters Vertical Line
- Crosshatch Target

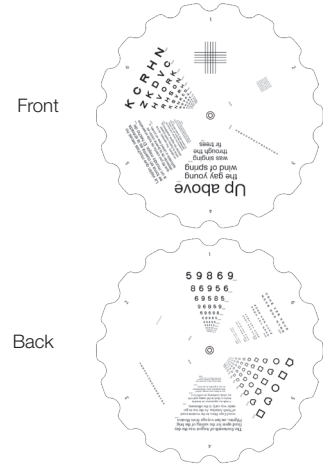
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### Roto Chart Clip

Used in conjunction with the Phoropter Rod to hold near point roto charts on your phoropter.

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### Phoropter Roto Chart 2 Features (English):

- Sloan Letter; line sizes ranging from 20/200 to 12.5/20
- LEA SYMBOLS®; line sizes ranging from 20/160 to 12.5/20
- LEA NUMBERS®; line sizes ranging from 20/160 to 12.5/20
- English and Spanish continuous text
- 20/40 Sloan Letter Vertical and Horizontal Line
- 20/20 Sloan Letter Horizontal Line
- Cross Hatch Target and more

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### Phoropter Rod

Durable metal rod contains measurements for inches and diopters on one side and centimeters on the other. Phoropter Rod 26.5" (67.31 cm) long in length.

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