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CSV-1000 ETDRS   CSV-1000 ETDRS LogMAR Tests

The CSV-1000 ETDRS provides a full range of LogMAR testing (20/200 to 20/10) at a test distance of 8 feet using standardized luminance. The smaller footprint of the instrument allows its use for testing in the typical-size examination rooms, ie 8' X 12' rooms. If testing at 4 meters is desired, a different test face can be used with a more narrow range of acuity tested (20/125 to 20/5). To learn more about the CSV-1000. See the images and text below to learn more about the various types of ETDRS (LogMAR) tests that can be used with the CSV-1000. (Please visit this page to learn more about the fundamentals of ETDRS testing.

CSV-1000ETDRS

The CSV-1000ETDRS allows standardized testing of ETDRS acuity at 85 cd/m2, the light level recommended by the FDA for vision testing. Many tests are available, including ETDRS Chart R, Chart 1 and Chart 2.

The CSV-1000ETDRS is smaller than other backlit systems for ETDRS testing and allows testing 20/10 to 20/200 at a distance of 8 feet or 20/5 to 20/100 at a distance of 4 meters. It is perfect for examination room use, where a 4 meter test distance is not available, or for clinical trials where testing beyond 20/100 is not needed, such as refractive surgery or IOL trials. Reversed ETDRS tests are also available for testing at a distance of 4 meters with a mirror.

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CSV-1000LH Symbol

The CSV-1000LH Symbol test face provides common symbols for the evaluation of illiterate or non-English speaking patients. The test is also widely used for the evaluation of children. The CSV-1000LH is in the ETDRS format. A patient prompt card is included.

CSV-1000TumE

The CSV-1000TumE test face provides a LogMAR test which presents the Letter E in various orientations. This test is very useful for evaluating illiterate or non-English speaking patients.

CSV-1000LanC

The CSV- 1000LanC test face provides a LogMAR test which presents the Landolt C in various orientations. This test is very useful for evaluating illiterate or non-English speaking patients.

CSV-1000HOTV

The CSV- 1000HOTV test face provides a LogMAR test in which only four letters are used; H, O, T and V. This test is very useful for evaluating children or patients which commonly reverse the appearance of objects. These letters were chosen because all are symmetric along the vertical axis. A prompt card is provided.

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