



ML1

Manual Lensometer®

The practical choice for reliable lensometry.

The Reichert® **ML1** Manual Lensometer® enables you to measure a variety of lenses accurately including single vision, bifocal and contact lenses.

LED Illuminated Target

The ML1's LED light source ensures that you will never need to change bulbs again. The comfortable glare-free, green illumination and sharp mires make measurements easy.

Cordless

Battery operated and completely cordless, the ML1 Manual Lensometer gives you total mobility and no cord clutter. The LED's low power consumption and auto sleep feature ensure a long battery life. The standard AAA batteries are inexpensive and readily available.

Unrestricted tilting angle

The ML1 can be adjusted to any angle, providing maximum convenience while measuring. Full 90 degree tilt allows for easy measurement of contact lenses.

Accepts large diameter lenses

The ML1 can measure lenses from 24 to 90mm in diameter and uses a bold crossline target for easier reading.

Prism compensator

The prism compensator extends the range to 15 diopters for more flexibility.

Reichert Quality

The Reichert name ensures a high quality, reliable instrument that you can count on for consistent performance.



Specifications

Catalog Number: 15110 ML1 Manual Lensometer®

Vertex Power

Range: +25 to -25 diopters

Step: 0.125 diopters up to ± 3 diopters
0.25 diopters beyond ± 3 diopters

Prismatic Power

Range: 5 prism diopters

Step: 0.5 prism diopters up to 2 diopters
1 diopter beyond 2 diopters

Cylindrical Axis

Range: 1 to 180 degrees

Step: 1 degree

Other Specifications

Target Method: American Crossline

Lens Diameters: 24 to 90 mm

Tilting Angle: 30 to 90 degrees

Eyepiece Focusing: +7D to -10D

Light Source: LED (Light Emitting Diode)

Dimensions: 5.1 W x 18.7 H x 13.0 L inches
(130 W x 475 H x 330 L mm)

Weight: 10.8 lbs. (4.9 kg)

Standard Accessories: Dust cover and contact lens holder

Prism Compensator: Diopter Range: 15 diopters
Graduations: 1 diopter step
Angle scale: 0-180°
Graduations: 5°