



# ML1

Manual Lensometer®

*The practical choice for reliable lensometry.*

## ML1 Manual Lensometer®

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.



Reichert® **ML1**  
Manual Lensometer®

### 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°

