



Elements of Refraction

Combining Technology,
Simplicity, and Value at
the Core of Your Exam.

LensChek™ Plus
Digital Lensometer®

LensChek™ Pro
Digital Lensometer® with PD+UV





LensChek™ Plus



LensChek™ Pro

Digital Lensometer® with PD+UV

The all-new LensChek™ Plus and LensChek™ Pro Digital Lensometers from Reichert® are a welcomed addition to our renowned family of lane and refraction equipment. The sleek, modern design and innovative new features make the LensChek™ Plus and LensChek™ Pro the digital lensometers of choice among eye care practitioners.

The LensChek™ Plus and LensChek™ Pro provide quick, accurate, and repeatable measurements for all lens types.

Modern Design

Featuring a thoughtful, minimalistic design, the LensChek™ Digital Lensometers offer style and functionality to any user. The wide-angle, tilt LCD screen and compact build provide a small footprint that's able to fit in all offices and labs, while ensuring comfortable, glare-free viewing from virtually any position.



Impressive User Interface and Color Display

The LensChek™ Digital Lensometers utilize an innovative and simple user interface that boasts seamless navigation between functions. Intuitive icons are clearly displayed on a full-color 5.7" LCD screen that aids in effortless operation.



Quick and Accurate Measurements

A readily available lens table makes it easy to stabilize and align the glasses during the measurement process. When the target is aligned with the correct optical center, the measurement can be automatically obtained to provide consistent and reliable readings. The LensChek™ Digital Lensometers utilize a Green Measurement Light which gives a more accurate measurement without the need for Abbe value compensation.

Furthermore, integrated white marking pens ensure precise markings on all lenses (including coated) by simply pressing down on the ink cartridge assembly.



Measurement Modes

Efficiently measure single vision, bi-focal/ tri-focal, and progressive lenses with reliability and ease. With its lens detection feature, the LensChek™ automatically switches from single vision to progressive measurement mode based on the lens being measured. It even measures hard or soft contact lenses with the attachment accessory that comes standard with both the LensChek™ Plus and LensChek™ Pro.

Data Output Options

Data output options include a built-in printer and RS-232C interface that can be configured to send data to your EMR system or any Reichert® digital phoropter for quick and immediate results. Easily connect a LensChek™ Lensometer to an entire Reichert® digital lane, for completely connected exam and increased practice efficiency.

UV Transmittance and PD Measurement

Available on the LensChek™ Pro, UV Transmittance and PD Measurement are two powerful features that can transform your diagnostic efficiency. UV Transmittance provides the percentage of ultraviolet light transmitted through a lens. The PD dual nose pads allow for left and right lens detection. Using this feature, both monocular and binocular Pupillary Distances are provided upon measurement of glasses.

Comparison Chart

| | LensChek™ Plus | LensChek™ Pro |
|------------------------------------|----------------|---------------|
| Auto Lens Detection | • | • |
| Sleek and Type Compact Design | • | • |
| Full-Color 5.7" LCD Screen | • | • |
| Measures Soft & Hard Contact Lens | • | • |
| Marking Pens | • | • |
| Green Measurement Light | • | • |
| Internal Thermal Printer | • | • |
| RS-232C Port | • | • |
| Auto Left and Right Lens Detection | | • |
| PD Measurement - Monocular | | • |
| PD Measurement - Binocular | | • |
| UV Transmittance | | • |

LensChek™ Plus & LensChek™ Pro

Catalog Number: 15185 LensChek Pro

Catalog Number: 15180 LensChek Plus

Refractive Measurement Range

| | |
|--|--|
| Sphere | -25D to +25D (Step: 0.01D, 0.12D, 0.25D) |
| Cylinder | 0D to ± 10D (Step: 0.01D, 0.12D, 0.25D) |
| Axis Angle | 1 to 180° (Step: 1°) |
| Addition | 0 to 10D (Step: 0.01D, 0.12D, 0.25D) |
| Prism | 0 to 10D (Step: 0.01D, 0.12D, 0.25D) |
| *UV Transmittance Measurement | 0 to 100% (Step: 1%) |
| *Pupillary Distance Measurement | 45mm to 85mm (Step: 0.5 mm) |
| *UV Transmittance Measuring Wavelength | 375 nm |
| Lens Power Measuring Wavelength | 525 nm |
| Measurable Lens | Unprocessed (Diameter: 100mm) and Framed Lens; Single, Multifocal, Progressive lens Single Focus Hard and Soft Contact Lens (use contact lens stand) |
| Printer | Thermal line printer (paper width: 58 mm) |
| Internal Monitor | 145 mm (5.7 inches) color LCD monitor |

Size

| | |
|-------------------|-------------------------------|
| Weight, Unpacked | 4.7 Kg (10.35 lbs) |
| Display Up | 46.7 cm (18.4 in) |
| Display Down | 41.9 cm (16.5 in) |
| Width | 18.4 cm (7.3 in) |
| Depth | 22.9 cm (9.0 in) |
| Color LCD Monitor | 12.1 x 8.9 cm (4.75 x 3.5 in) |

Electrical

| | |
|------------------------|-------------------------------|
| Input Power | 100 to 240V @ 50/60Hz, 60 VA |
| Fuse | T2AL 250V, 5x20mm, RoHS |
| Bluetooth Power Source | 5V DC ± 5% @ 200 mA (typical) |

* LensChek™ Pro Only



LensChek™ Plus & LensChek™ Pro



   | www.reichert.com

Call Reichert at +1 716-686-4500, toll-free 1-888-849-8955,
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