



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

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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



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