



Elements of Refraction.

VisionChek™
Digital Exam Suite

Reichert® combines technology, simplicity,
and value at the core of your exam.



www.reichert.com

The Phoropter[®] Company



Reichert[®]: Reinventing Refraction

For over 90 years, Phoropter[®] has been the gold standard in refraction and synonymous with the world's finest refracting instruments. You've always trusted the legendary engineering, quality, and craftsmanship of your Ultramatic RX Master[™] Phoropter[®] at the heart of your lane, so who would you trust more than Reichert[®] to reinvent refraction for the speed and efficiency of a digital exam?

F Z B D E
Z A G K P
O F L C T
T Z V E C



What is VisionChek™?

The all-new VisionChek™ Digital Exam Suite combines technology, elegant simplicity, unbeatable value, and the reliable performance you expect from Reichert®.

From pre-test to refraction to seamless integration with your EMR, VisionChek™ Digital Exam Suite is a powerful system that offers comprehensive functionality for your practice.



Whether you're upgrading from manual instruments or opening a new office, VisionChek™ is designed to provide a cost-effective solution that allows you to embrace the power of digital technology.



SightChek™ Digital Phoroptor®

With a modern design and intuitive layout, the SightChek™ Digital Phoroptor® features the precise refraction readings you need combined with an exceptional user experience that will take your efficiency to the next level.

Better Diagnostics. Better Care.

Designed for maximum efficiency that allows you to rapidly perform all of the functions of a manual Phoroptor®, all while comfortably seated next to your patient.

Information at Your Fingertips

Effortlessly access all tests and settings through the intuitive user interface on the 10-inch tilting touchscreen.

An Outstanding Patient Experience

Lenses are quickly exchanged using the central control knob, helping to minimize patient eye fatigue.

A Full Range of Guided Tests

Easily perform programmed guided tests such as Phoria, Fused Cross Cylinder, and Binocular Balance.



Near Vision Testing Made Easy

Automatic convergence, auto-illuminating near vision light source, and a detachable near vision rod and card are available for maximum efficiency in near vision testing.

Choose Your Cylinder

Adjusting cylinder power and axis can be completed using the traditional Jackson Cross Cylinder or Split Cross Cylinder for fast, convenient, and accurate astigmatic testing.

Your Practice. Your Refraction.

Easily create your own refraction sequences using up to 3 customizable programs to increase total practice efficiency.

Enhanced Efficiency

Connect multiple SightChek™ Digital Phoroptors and Reichert® pre-test instruments for a completely connected office.

The Best Possible Patient Care

Integrate with EMR systems, removing risk of transcription error and increasing throughput.

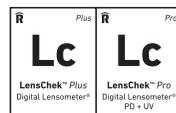


OptoChek™ Plus Auto Refractor + Keratometer

The all-new OptoChek™ Plus Auto Refractor + Keratometer is fast and simple-to-use, measuring objective spherical and cylindrical refractive errors, as well as keratometry.

- Innovative Reliability Index gives you confidence in obtained readings
- Scotopic Pupil Size (SPS) and Photopic Pupil Size (PPS) modes adjust illumination to accommodate different lighting conditions

Connect your VisionChek™ Digital Exam Suite using proprietary Bluetooth dongles or cables.



LensChek™ Plus Digital Lensometer®

The all-new, modern design and intuitive user interface of the LensChek™ Digital Lensometers offer easy functionality to any user. When the target is aligned with the correct optical center, the measurement can be automatically obtained ensuring consistent and reliable readings.

- Utilizes green measurement light
- Measures single vision, bi-focal/tri-focal, and progressive lenses
- Hard and soft contact lens measurement mode
- UV transmittance and PD measurement available on LensChek™ Pro



LensChek™ Pro Digital Lensometer® with PD+UV



AcuityChek™ Digital Acuity Chart

AcuityChek™ Digital Acuity Chart comes standard with the SightChek™ Digital Phoroptor®. AcuityChek™ is all-in-one, elegant, simple-to-use, and uniquely designed to meet all of your acuity testing needs with a wide selection of optotypes and special test charts. Upgrade to ClearChart 4X or ClearChart 4P for enhanced features.



	AcuityChek™	ClearChart 4X*	ClearChart 4P*
Purpose-built for acuity testing	•	•	•
Wide range of optotypes and tests	•	•	•
24" high resolution LED backlit display	•	•	•
Cool running, free of moving fans or hard drives	•	•	•
Pediatric fixation cartoon video	•	•	•
Connects to Reichert® digital Phoroptors	•	•	•
Astigmatic testing	•	•	•
ETDRS	•	•	•
Patient education slides	•	•	•
Import your own videos and images	•	•	•
Contrast sensitivity	•	•	•
Stereo testing	•	•	•
Color vision testing	•	•	•

*Available ClearChart upgrades

SightChek™ Digital Phoropter®

16290 SightChek Digital Phoropter

SightChek™ Digital Phoropter® Includes:

16291 SightChek Head Assembly
16292 SightChek Controller
16293 SightChek Relay Box Assembly



Standard Included Accessories

Dust Cover- Phoropter Head	Near Vision Rod
Dust Cover- Controller	Power Cord 120V or 230V
Cable- Phoropter Head	Face Shield Kit
Cable- Controller	Thermal Paper
Near Vision Card and Holder	

Optional Accessories

16290-012	Decimal Near Vision Kit	
16290-008	Snellen Near Vision Kit	
13778	Wireless Dongle Kit	Bluetooth connection to AcuityChek, ClearChart 4X, ClearChart 4P
15171	Wireless Dongle Kit	Bluetooth connection to LensChek Plus, LensChek Pro, OptoChek Plus
16233	Wireless Dongle	Single Bluetooth connection

For cable connection information, please refer to the user's guide

Specifications:

Refractive Measurement Range

Sphere Power	-28.75D to +27.25 (Step: 0.12D, 0.25D, 0.5D and 1.0D)
Cylinder Power	0D to ±6D (Step: 0.25D, .5D, 1.0D)
Axis Adjustment	1° to 180° (Step: 1, 5, 10)
Cross Cylinder Test	±0.25D, ±.5D, and Split
Prism	0 to 20 per eye (Step: 0.01, 0.5, 1.0)
Corneal Vertex Distance	12, 13.75, 15, and 18 mm

Pupil Distance	45 to 80 mm (Step: 0.5 mm, 1 mm)
Auxillary Lenses: Open Occluder, Red Maddox Rod, Pinhole, 0.25D Xcyl, 0.50D Xcyl, Red/ Green Filters, Dissociation Prisms, Polarization Filters, Split Cylinder, Retinoscopy Lens, Fixed Cross Cylinder, Close Occluder, Fog Lenses, Cross Hair Lens	

Phoropter Head

Width × Height × Depth	38.5-41.3 x 31.6 x 11.4 cm (15.1-16.2 x 12.4 x 4.5 in)
Weight	5.0 kg (11.0 lbs)

Controller

Width × Height × Depth	27.2 x 16.5-20.4 x 29.3 cm (10.7 x 6.5-8.0 x 11.5 in)
Weight	2.6 kg (5.7 lbs)

Relay Box Assembly

Width × Height × Depth	32.6 x 10.3 x 11.9 cm (12.8 x 4.0 x 4.7 in)
Weight	2.4 kg (5.3 lbs)
Input Voltage	100 - 240V~
Frequency	50-60 Hz
Current (max.)	90 VA
Fuses	T2AL 250V
Ports	Inst 1, Inst 2, EMR, Proj, Transfer, Head, Controller

SightChek Assembly in Package

Width × Height × Depth	46.0 x 47.2 x 64.0 cm (18.1 x 18.6 x 25.2 in)
Weight	16.0 kg (35.3 lbs)

Create your VisionChek™ Digital Exam Suite from the following:

- 15170 OptoChek Plus Auto Refraction + Keratometer
- 15180 LensChek Plus Digital Lensometer
- 15185 LensChek Pro Digital Lensometer with UV + PD
- 13790 AcuityChek Digital Acuity Chart
- 13775 ClearChart 4X Digital Acuity System
- 13785 ClearChart 4P Polarized Digital Acuity System



VisionChek™
Digital Exam Suite
Elements of Refraction.



   www.reichert.com

Call Reichert at +1 716-686-4500, toll-free 1-888-849-8955,
or contact your Authorized Reichert Technologies Distributor.

©2017 AMETEK, Inc. & Reichert, Inc. 16290-110-Rev A