**Ⓡ**

## Vc
**VisionChek™**
Digital Exam Suite

**Ⓡ**

## Sc
**SightChek™**
Digital Phoroptor®

**Ⓡ**

## Ac
**AcuityChek™**
Digital Acuity Chart

**Ⓡ** *Plus*

## Lc
**LensChek™ Plus**
Digital Lensometer®

**Ⓡ** *Pro*

## Lc
**LensChek™ Pro**
Digital Lensometer®
PD + UV

**Ⓡ**

## Oc
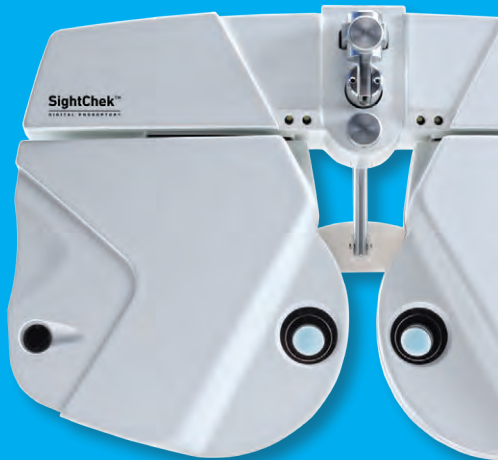**OptoChek™ Plus**
Auto Refractor +
Keratometer

# Elements
# of Refraction.

## VisionChek™
## Digital Exam Suite

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

**Reichert®**
T E C H N O L O G I E S
**AMETEK®**

www.reichert.com

# The
# **Phoroptor**®
# Company

## Reichert®:
## Reinventing Refraction

For over 90 years, Phoroptor® 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™ Phoroptor® 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?

**SightChek™**
DIGITAL PHOROPTOR®

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

| Ⓡ | | Ⓡ | |
| --- | --- | --- | --- |
| **Sc** | | **Ac** | |
| SightChek™ | | AcuityChek™ | |
| Digital Phoroptor® | | Digital Acuity Chart | |

| Ⓡ | *Plus* | Ⓡ | *Pro* | Ⓡ | |
| --- | --- | --- | --- | --- | --- |
| **Lc** | | **Lc** | | **Oc** | |
| **LensChek™** *Plus* | | **LensChek™** *Pro* | | **OptoChek™** *Plus* | |
| Digital Lensometer® | | Digital Lensometer® PD + UV | | Auto Refractor + Keratometer | |

# 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.

**Sc**
SightChek™
Digital Phoroptor®

# 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.

**Oc**
OptoChek™ Plus
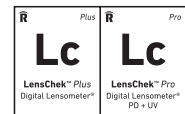Auto Refractor + Keratometer

# 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

**Lc** LensChek™ Plus Digital Lensometer®
**Lc** LensChek™ Pro Digital Lensometer® PD + UV

# LensChek™ Plus
## Digital Lensometer®

# LensChek™ Pro
## Digital Lensometer® with PD+UV

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

**Ac**
AcuityChek™
Digital Acuity Chart

# 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 Phoroptor®

| 16290 | SightChek Digital Phoroptor |
|---|---|

SightChek™ Digital Phoroptor® Includes:

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



## Standard Included Accessories

| | |
|---|---|
| Dust Cover- Phoroptor Head | Near Vision Rod |
| Dust Cover- Controller | Power Cord 120V or 230V |
| Cable- Phoroptor 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

## Phoroptor 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.