



 **Keeler**  
Focused on you

**Student range**



# Together, we can see a better future in eye care

## Life-changing products and solutions

No matter what stage you're at in your career, finding the essential tools, expertise and support you need shouldn't be complicated or time-consuming.

In the world of eye care, we see the bigger picture. Our mission is to help bring an end to preventable vision loss; delivering life-changing products and solutions to eyecare professionals all around the world.

## Manufacturing hand-crafted, high quality equipment for over a century

We've been designing, manufacturing and hand-assembling ophthalmic diagnostic equipment since the early 1900's. Our first patent was submitted in the UK by Charles H Keeler in 1927, for a combined retinoscope and ophthalmoscope device.

From our humble beginning as a dispensing opticians practice in London to the global business we are today, we remain passionate about eye care, and are focused on supporting those in the industry, every step of their career journey.

## Local manufacture and service. Global expertise and commitment

There are plenty of reasons why investing in a Keeler diagnostic instrument makes sense.

In collaboration with healthcare experts all around the world, we strive to develop the highest quality products available, to support insightful eye screenings and a confident diagnosis, exam-after-exam, year after year.

Both our binocular indirect and handheld instrument ranges are still hand-assembled for precision, the traditional way, right down to the light-bulbs which are crafted by hand!

And although the Keeler name is trusted by eyecare professionals globally, it's our local support and repair centre based in Malvern, Pennsylvania, that you can rely on to ensure your Keeler equipment continues to serve you for many years to come.

# Contents

## Bionocular indirects

|              |   |
|--------------|---|
| Vantage Plus | 4 |
|--------------|---|

## Handheld instruments

|                                 |   |
|---------------------------------|---|
| Professional LED ophthalmoscope | 8 |
|---------------------------------|---|

|                              |   |
|------------------------------|---|
| Professional LED retinoscope | 9 |
|------------------------------|---|

## Diagnostic set

|                                                     |    |
|-----------------------------------------------------|----|
| Professional LED ophthalmoscope and retinoscope set | 11 |
|-----------------------------------------------------|----|

## Handheld accessories

|                |    |
|----------------|----|
| Power supplies | 14 |
|----------------|----|

## Further resources

|                      |    |
|----------------------|----|
| Keeler Education hub | 15 |
|----------------------|----|

|                              |    |
|------------------------------|----|
| Keeler Line of sight podcast | 15 |
|------------------------------|----|





# Binocular indirects

## Set your sights on success with Vantage Plus

### Train with confidence

A smooth learning curve that leads you directly to the boards: Vantage Plus Digital is the only device approved for testing. Nail your exam with the NBE's indirect ophthalmoscope of choice, a BIO you know inside and out.

### Comfort is key

Whether it's with your training partner or a patient, you can count on long-wearing comfort. Practice as long as you like with features that make repeat or sustained exams easy.

### Value for the long term

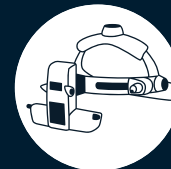
Choose a device you can rely on – highly trusted and durable – and a company that will be with you for life. Keeler is committed to supporting you throughout your career.

### Features and benefits

- **Cushioned comfort:** Padded, breathable material is long-wearing and easily washable
- **Remarkably balanced:** Excellent front-to-back weight distribution for stable, extended wear
- **Lightweight yet durable:** Quality aluminum construction is flexible yet sturdy: built to last
- **Remove the guesswork:** Make exam adjustments efficiently and confidently: the Intelligent Optical System automatically changes multiple settings with one simple dial

### Patented Intelligent Optical System

- **Large, fully-dilated pupil:** Optics are separated with light source in upper position
- **Intermediate pupil:** Viewing optics and light sources are in a mid-position
- **Small pupil:** Optics and light source are converged to allow retinal viewing through the smallest pupils stereoscopically



### Hand-assembled in the USA

We're proud to be the only ophthalmic company to make and service binocular indirects in the USA.

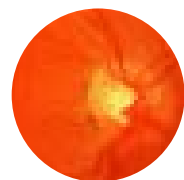


Discover our full range of student resources at [www.keelerglobal.com/students](http://www.keelerglobal.com/students)



### More visible detail

HiMag™ lens boosts your view to give you 1.6x more magnification than with a condensing lens alone, delivering brilliant stereoscopic images.



View when using a 20D lens and the Keeler HiMag lens



View when using a 20D lens



### Efficient, high-contrast LED

Over 12,000 doctors clinically approve our technology, which offers over 10,000 hours of continuous use.



### Teaching mirror

The teaching mirror allows for two observers to view the retina at the same time.



### Proud to be partnered with the NBO

“The National Board of Examiners in Optometry has entered into an agreement with Keeler as of August 2025 to use Keeler digital BIOs in the National Center of Clinical Testing in Optometry.”



### Extend your training time

**Easy on the eyes:** The gentler Xenon bulb provided as a spare to the standard LED makes prolonged light exposure for your training partner less harsh – train as long as you like.

**Keeping others in sight:** Flip-up optics make it easy to see and communicate with your classmates or patients without needing to remove the headband.



### Battery life you can count on

**Quick-charging, flexible docking:** One hour to full charge with a Slimline wireless charger that is desktop or wall mountable. Plus, six hours of on-time per battery with your spare on hand.



### 3-in-1 carrying case

**Soft-shell case, with extra storage:** Converts from roller bag to backpack, featuring wheel covers, luggage strap and extra compartments to store your diagnostic set.

### Innovation designed for you



**Affordable:** Fairly-priced range makes Keeler products accessible and offers excellent value.



**Expertly engineered:** Well-designed, precision construction with durable materials you can count on throughout your career.



**Quality assured:** Extensive warranty policy and online support.

### Why choose Keeler?



**Keeler reliability:** The trusted partner of professionals globally for over 100 years.



**Patented technology:** Future-focused, we develop and protect innovation that makes your life easier.



**Life-long investment:** Our focus is you, enabling your achievements as you complete your training and move forward throughout your career.



**10-year warranty:** Not just any manufacturer's warranty, our policy has you covered for 10 years from the time of your graduation. While you're still in school (including residency), your equipment has full coverage including accidental damage.



## Handheld instruments

### Professional LED Ophthalmoscope

Our Professional direct ophthalmoscope makes routine exams quick and easy. A compact head-design allows easy access to controls that reduce movement, getting you closer to your patient.

#### Versatility and speed

The lens range (from -30D to +29D) allows easy adjustment for viewing all ocular structures, covering a wide range of patient prescriptions. A quick-step swing of +/- 20D helps speed up diagnosis.

#### Diagnostic variety

For enhanced and comprehensive ocular exams, you have seven diagnostic beams to choose from:

-  **Wide angle:** view the largest area of fundus for the best general diagnosis through a dilated pupil
-  **Intermediate:** easier views through undilated pupils and in peripheral exams; also ideal for pediatric patients
-  **Macular:** for diagnosis of the macular region where a larger beam would create excessive pupillary reaction or discomfort
-  **Slit:** used for the assessment of retinal elevations and depressions or anterior chamber depth
-  **Glaucoma:** projects a graticule onto the retina to assess the optic cup/disc ratio as an aid for diagnosing glaucoma
-  **Fixation cross:** projects a graticule onto the retina for assessment of the degree and direction of eccentric fixation
-  **Red free:** for examining blood vessels in fine detail (vessels appear silhouetted against a dark green background) – for the Professional ophthalmoscope, this can be used in conjunction with any of the above beams

#### Ergonomic brow rest

Allows for easy positioning and protects lenses if wearing glasses.



 **Featuring LED illumination**



 **Featuring LED illumination**

### Professional LED Retinoscope

Quickly assess refractive error by using the retinoscope to observe the retinal reflex and determine the appropriate corrective lens - an essential skill for your exams.

#### Powerful performance

Bright LED illumination with a choice of apertures and approximately 180 examinations between charges.

#### Simplified bimodal design

Single control used for rotation, convergence and divergence of light.

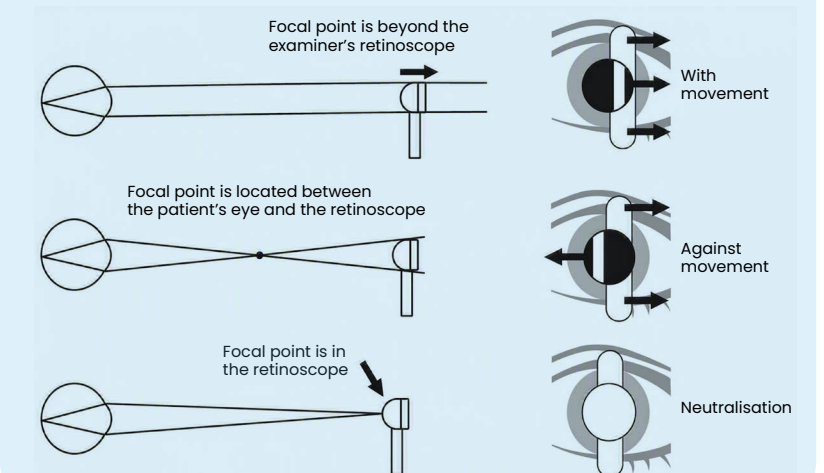
#### Comfort is key

Intuitive, ergonomic design includes soft, interchangeable brow rest.

#### How does retinoscopy work?

**Focal distance from patient's eye**

**Examiner's view of the patient's eye**





**Featuring LED illumination**

**Enhanced visualization offered by LED illumination**

- Battery will last 3x longer than when using a filament bulb at maximum brightness
- Sharp, clear, neutral-coloured light patch provides accurate colour rendering

## Diagnostic set

### Professional LED ophthalmoscope and LED retinoscope set

#### What's inside the box?

- Professional LED Ophthalmoscope
- Professional LED Retinoscope
- Finoff transilluminator
- Ophthalmoscope LED illumination module
- Lightweight slimline rechargeable handles (x2)
- Protective case
- Instructions for use (IFU) booklet





# Handheld accessories

Your Professional diagnostic set will come with all of these useful accessories.



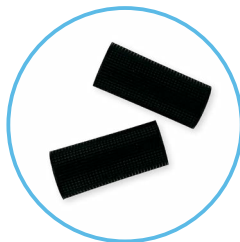
Double charger



Mini charger



Dynamic retinoscopy cards



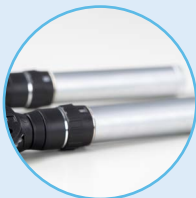
Slimline handle grips (set of 2x black)



Additional Slimline handle grips (set of 2) - Choose from four colours: black, pink, green or blue

## Power when you need it

To ensure you can practice carrying out examinations as much as necessary, we offer a range of rapid charging handles and power supplies.



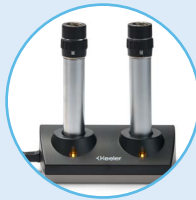
### Slimline rechargeable lithium handles

Lightweight, small diameter handles for increased comfort, and a high-quality chrome finish that is easily disinfected.



### Mini charger

Quickly connects to the rechargeable handle, offering portability and the option to use the device while charging.



### Double charger

Accommodates two handles, allowing easy access to your devices and helping ensure you're always ready to go.

#### Charger features:

- Lithium-ion battery allows for up to 180 exams between charges
- Fast charge in two hours
- Battery level indicators



# Inclusive and engaging clinical education

In addition to industry-leading equipment, we also offer a wide range of FREE educational resources on our **EyeQ Education hub**; including training videos, case studies and clinical papers, to support your continued education and career journey.

Please visit [resourcehub.keelerglobal.com](https://resourcehub.keelerglobal.com) to find out more.



The Keeler **Line of sight** podcast has been created to support future optometrists and ophthalmologists all around the world.

Sharing insights, helpful tips and guidance from both eye care professionals and students at varying stages of their career journey.

You'll find it on YouTube, Spotify and the Keeler Education hub.



## Did you know?

We still hand-craft all of our handheld instruments (right down to each individual bulb) at our global HQ in Windsor, Berkshire. We're also proud to assemble our range of Binocular indirects right here, in the USA.

For a full range of user manuals (IFUs), cleaning instructions and product brochures, please visit [www.keelerglobal.com/ifus](https://www.keelerglobal.com/ifus)

And because we know that everyone needs a little help from time-to-time, our friendly customer and technical support teams are available, whenever you need them.

Please visit [www.keelerglobal.com/support-and-repairs](https://www.keelerglobal.com/support-and-repairs) to find out more.



Repairs



Product resources



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