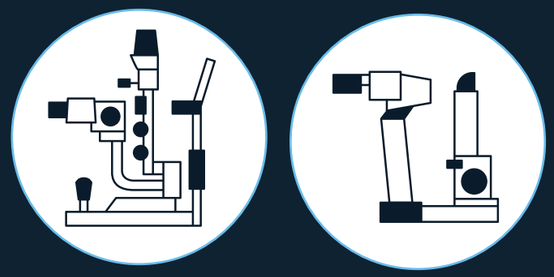


Slit lamp microscopes

Keeler slit lamp (KSL) range

Keeler
Focused on you



World-class Keeler optics, with a durable construction for long-term reliability.

Ready to meet the wide-ranging needs of busy eye care professionals, our diagnostic slit lamp range includes tower (H-style) or lower (Z-style) illumination options, traditional or digital formats, and refraction-stand or table-mounted set-up solutions.

With multiple accessories and variations in lamp style available, you can tailor your Keeler slit lamp to your needs today, safe in the knowledge that it will adapt to your needs tomorrow.

Combining optical precision, high-quality illumination and ergonomic design, our KSLs deliver a visually pleasing, customisable device allowing you to perform at your best. Plus, because we use hard-wearing, high-quality materials, you can be sure that your slit lamp has been designed to withstand repeated daily use and will continue to serve, year after year, for many years to come.

Focused on you

We understand that the ocular health of your patients is your number one priority. Our priority is to support you with great value and premium-quality instruments, featuring industry-defining optics, imagery, accuracy and build quality.

Combining over 100 years of manufacturing expertise with customer insight and understanding, our mission is to help bring an end to preventable vision loss, delivering life-changing products and solutions to eyecare professionals around the world.

Global expertise and commitment

We're proud to manufacture and service our slit lamps globally, for local market supply. They are designed, precision-engineered and hand-assembled at our manufacturing site in Windsor, UK.

With Keeler servicing centres located in the UK, USA, Spain and India, and via selected distribution partners all around the world, we can offer a local and timely after-sales service, tailored to you. And because we know that everyone needs a little help from time-to-time, our world-class customer and technical support teams are ready whenever you need them.

Please visit **www.keelerglobal.com/support-and-repairs**, for a full range of user manuals (IFUs), cleaning instructions and product brochures.

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Hand-crafted precision engineering, with world-class optics

When it comes to choosing a desktop slit lamp, we know how important it is to find one you can trust. That's why our entire KSL range has been designed to be robust and reliable, so you can perform examinations day in, day out, without worry.

See more with a Keeler slit lamp

With over 100 years of expertise in optical design and manufacturing, our slit lamp range is crafted with LED illumination to complement world-class Keeler Optics, making them dependable companions in any busy clinic.

Make it your own

From slit lamp style to magnifications, digital capabilities and accessories, you have the freedom and flexibility to customise your device to fit your needs.

The magic of magnification

Did you know? The same set of Keeler optics produces all magnifications, from 10x to 25x (3-step) or 6x to 40x (5-step).



Range of filters included:

All Keeler slit lamps come with the following filters permanently installed, which include a 1mm square for Uveitis assessments.

- Clear
- Neutral density
- Blue
- Diffuser
- Red-free
- Yellow barrier



DICOM compatibility

For seamless integration with your patient management system.



Laser compatibility

Inbuilt auxiliary mounting location for greater versatility.

Great value, competitive warranty, local servicing and excellent customer support

Because value goes beyond price alone.



Key features and benefits



World-class Keeler

Coated optical system made with high quality multi-layered glass, for maximum clarity and confidence in your patient diagnoses.



Enhanced (14mm) slit aperture width

Getting you a larger viewing area of the retina.



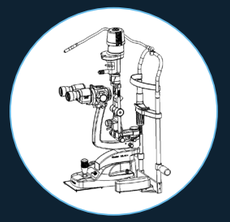
Fine slit-width diaphragm scale

Make smaller incremental changes for multiple precise measurements.



Range of magnifications

Choose between a 3-step drum (KSL-H3 or KSL-Z3) or 5-step drum (KSL-H5 or KSL-Z5), depending on your specific needs.



Premium construction

Designed, precision engineered and hand-assembled using hard-wearing machined and treated stainless steels, for long-lasting performance.



Long-lasting LED illumination

With a colour temperature of 3800k, a Keeler LED will last 10,000 hours or more, ensuring you can perform examinations without interruption.



KSL-H range

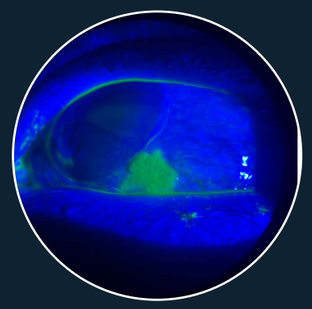
Tower illumination (H-style) slit lamps, with digital-ready and fully digital options.

Introduced in 2014, our KSL-H range features tower illumination with either 3-step (10x, 16x, 25x) or 5-step (6x, 10x, 16x, 25x, 40x) magnification.

Equipped with LED illumination to enhance the already exceptional optics, each model offers a dependable imaging solution for any busy eyecare professional, and the set-up can be tailored to meet your own specific workflow needs.



Vitreous imaging



Conjunctival staining



IOL dislocation

KSL-H range features:

All of our **H-series (KSL-H)** range of slit lamps benefit from the following features:

- **Slit width**: 0-14mm continuously variable
- **Slit length**: 1-14mm continuously variable
- **Slit rotation**: +/- 180º with reference scale
- **Fixed aperture diameters**: 0.2mm, 1.0mm square, 2mm, 3mm, 5mm, 9mm, 14mm
- **Illuminance**: 248k lux (+/-20%)
- **Weight**: Slit lamp with chinrest assembly 21kg +/-1kg
- **Size**: 75cm(W) x 54cm(D) x 45cm(H)

	KSL-H3	KSL-H5
Magnification	10x, 16x, 25x	6x, 10x, 16x, 25x, 40x
Field of view	22mm, 13mm, 8mm, 5mm	33mm, 22mm, 13mm, 8mm, 5.5mm



KSL-H



KSL-H-DR (Digital-ready)



KSL-H-D (Digital)

Ready to go digital?

Our **Digital-ready (KSL-DR)** slit lamps have optional add-ons to support you while your practice is growing.

All of the KSL features, plus:

- Digital base, with gain adjustment and joystick trigger button
- Automatic detection of left or right eye in view
- DICOM capability

Optional extra:

- Digital camera system

Our **Digital (KSL-D)** range has fully integrated imaging capabilities that provide you with an intuitive, time-saving and streamlined experience, while capturing crystal clear images and videos with ease.

All features listed previously, plus:

- Keeler Konnect™ imaging software
- Back-lit illumination
- Digital camera system:
  - Camera power & data connection: **USB 3.0**
  - Camera resolution: **2064x1544px**
  - Sensor: **1/1.8* CMOS global shutter**
  - Frame rate: **30fps to 60fps**



KSL-Z range

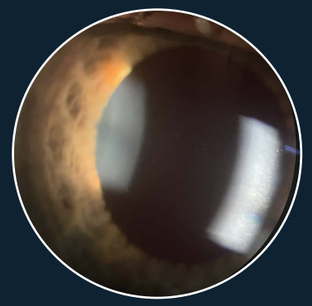
Lower illumination (Z-style) slit lamps with digital-ready and fully digital options.

Launched in 2016, our KSL-Z range features lower illumination with either 3-step (10x, 16x, 25x) or 5-step (6x, 10x, 16x, 25x, 40x) magnification.

Equipped with LED illumination to enhance the already exceptional optics, each model offers a dependable imaging solution for any busy eyecare professional, and the set-up can be tailored to meet your own specific workflow needs.



Vitreous prolapse



Anterior Uveitis



Posterior capsule opacification

KSL-Z range features:

All of our **Z-series (KSL-Z)** range of slit lamps benefit from the following features:

- **Slit width**: 0-14mm continuously variable
- **Slit width**: +/- 90° continuous
- **Slit length**: 1-14mm continuously variable
- **Slit rotation**: +/- 360° continuous, detents at 0° and 180°
- **Fixed aperture diameters**: 0.2mm, 1.0mm square, 2mm, 3mm, 5mm, 9mm, 14mm
- **Illuminance**: 240k lux (+/-20%)
- **Weight**: Slit lamp with chinrest assembly 20kg +/-1kg
- **Size**: 90cm (W) x 58cm (D) x 45cm (H)

	KSL-Z3	KSL-Z5
Magnification	10x, 16x, 25x	6x, 10x, 16x, 25x, 40x
Field of view	22mm, 13mm, 8mm, 5mm	33mm, 22mm, 13mm, 8mm, 5.5mm



KSL-Z



KSL-Z-DR (Digital-ready)



KSL-Z-D (Digital)

Ready to go digital?

Our **Digital-ready (KSL-DR)** slit lamps have optional add-ons to support you while your practice is growing.

All of the KSL-Z features, plus:

- Digital base, with gain adjustment and joystick trigger button
- Automatic detection of left or right eye in view
- DICOM capability

Optional extra:

- Digital camera system

Our **Digital (KSL-D)** range has fully integrated capabilities allowing you to capture crystal clear images and videos using Keeler Konnect™ software. With an easy-to-use interface, Keeler Konnect™ allows you to capture what you're seeing for instant review, providing you with an intuitive, time-saving and streamlined experience.

All features listed previously, plus:

- Back-lit illumination
- Digital camera system:
  - Camera power & data connection: **USB 3.0**
  - Camera resolution: **2064x1544px**
  - Sensor: **1/1.8* CMOS global shutter**
  - Frame rate: **30fps to 60fps**

Portable slit lamp

PSL Classic

Table-top slit lamp features, with handheld portability

Featuring a stylish and contemporary design, PSL Classic is lightweight, durable and versatile.

Setting the standard for portable slit lamps, it is equipped to support a thorough examination of the anterior segment or frontal structures, and posterior segment of the eye, even in the most challenging locations or circumstances.



Benefits:

- **Exceptional Keeler optics** – Coated optical system made with high quality multi-layered glass, for maximum clarity.
- **360° accessibility** – examine non-mobile or hard-to-reach patients, from any angle.
- **Versatility** – 10x and 16x magnification, with adjustable LED illumination.
- **Adaptability** – choose from 4x filters and 6x aperture settings, including a 1mm square for Uveitis assessments.
- **Durability** - Designed to withstand the demanding conditions of any environment.
- **British-made** - Designed, precision-machine crafted and assembled by Keeler specialists at our UK site in Windsor.

Features:

- **Slit type** - 12mm long, with a 60° angle and rotating slit-wheel selection.
- **Objective lens working distance** - 100mm (10x) and 80mm (16x).
- **Field of view** - 16mm (10x) and 10.5 (16x).
- **Illuminance** - 120k lux @ 50mm and 17k @125mm.
- **Forehead rest accessory (optional)** - for greater stability and patient comfort.

Suitable for vets



Slit lamp accessories



Digital-ready slit lamp camera with Konnect imaging software

Convert your KSL-DR (Digital-ready) slit lamp into a fully functioning digital slit lamp.



Steady mount for traditional or digital slit lamps

Tilt and angle your Volk lens with accuracy and ease, using this lens positioning instrument from Volk. Mounting directly onto the slit lamp for enhanced fundus views.

Designed for use with Volk's Digital Wide Field, Digital 1.0x, Super Field, 60D, Super 66, 78D and 90D lenses.



Aluminium carry case for PSL Classic

Transport your PSL in style and protect your portable slit lamp equipment.



Forehead rest for PSL Classic

For greater stability and patient comfort.

Further resources

Long standing trust and enduring partnerships

The most positive and productive partnerships are those based on trust, a shared purpose, and aligned goals.

We are proud to work with an incredible range of medical industry professionals and partners around the world.

To find your local stockist, please search our global network of distributor partners by visiting: **www.keelerglobal.com/distributors.**

If you can't find a Keeler specialist near you, and would like to purchase a Keeler product, please use the contact details on the back page of this brochure.

Inclusive and engaging clinical education

In addition to industry-leading diagnostic and surgical equipment, we also offer a wealth of free educational resources, including images, videos, expert blogs and training courses, to support your career journey.

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