

PSL one

Excellence  
in optics



Keeler

## Keeler – British manufacturing experience and quality delivering great value

### Precision machined aluminium chassis

Keeler designed and manufactured with the strength to withstand the daily traumas of the demanding ophthalmic environment. Lightweight, durable and robust.

### Advanced optics, 10x magnification

Top quality multi layered glass is crafted into our Keeler multi-element and multi-layer coated optical system to give maximum performance. Clarity is guaranteed.

### Controllable illumination

Proven halogen illumination with illumination levels controlled by a rheostat, giving you total control of your light levels. From zero to maximum, you choose.

### Big Slit Lamp features, Portable usability

Unique features such as the fixation targets, and the 1mm square light patch for assessing anterior chamber flare sets the new standard for Portable Slit Lamps.

### For the digital age

Simply connect an iPhone 4 and the PSL becomes a portable, digital slit lamp, perfect for teaching. What could be simpler or more cost efficient?



Slit wheel



Filter wheel

Red free, Blue, Neutral density (0.8) and Clear



Magnification



## Slit and filter system

<b>Slit type</b>	Rotating Slit wheel selection Slit Lamp
<b>Slit length</b>	12mm
<b>Slit widths</b>	0.15mm, 0.5mm, 0.8mm and 1.6mm slits, 12mm circle and a 1mm square
<b>Filters</b>	Red free, Blue, Neutral density 0.8 and Clear
<b>IR protection</b>	Inbuilt IR cut filter
<b>Slit angle</b>	+/- 60°
<b>Illumination control</b>	Continuously variable from low to full brightness
<b>Fixation targets</b>	LED system, double click of trigger

### Power supply

**Power supply unit** Switch mode, (110V – 240V)  
+/- 10% multi-plug

**Power supply output** 30VA (12V DC 2.5A)

### Biomicroscope

**Type** Binocular Hand held  
Biomicroscope Slit Lamp

**Optics** Converging binoculars at 13°

**Magnification** 10x

**Objective lens working distance @ 10x** 16mm

### Ordering details

<b>PSL One</b>	3010-P-2001
<b>iPhone 4 adapter</b>	3010-P-7010 (included)
<b>Carrying case</b>	3010-P-7000

iPhone is a registered trade mark of Apple Inc  
iPhone not included with adapter or PSL

**PSL one**

**Keeler Limited, Clewer Hill Road, Windsor, Berkshire SL4 4AA**

+44 (0)1753 857177 | [www.keeler.co.uk](http://www.keeler.co.uk) | [info@keeler.co.uk](mailto:info@keeler.co.uk)

**Keeler Instruments Inc. 456 Parkway Broomall, PA 19008 USA**

Toll Free: 1 800 523 5620 | Fax: 1 610 353 7814 | [www.keelerusa.com](http://www.keelerusa.com)