



# Notification of New Product

## PSL Classic Portable Slit Lamp

### 3010-P-2000



**Excellence in optics, versatility and portability are key benefits of the Keeler PSL Classic**

Keeler designed and manufactured with the strength to withstand the daily traumas of the demanding ophthalmic environment, the PSL is lightweight, durable and robust. Unique features such as the fixation targets, and the 1mm square light patch for assessing a/c flare set the new standard for Portable Slit Lamps.

#### **Features:**

- Precision machined aluminum chassis
- Advanced optics, x10 & x16 magnification
- Controllable illumination from maximum to zero
- Big Slit Lamp features, portable usability

<b>Comparison</b>	<b>Keeler PSL Portable Slit Lamp</b>	<b>KOWA SL-15</b>
<b>Microscope</b>		
<i>Type</i>	Binocular Hand held Biomicroscope Slit Lamp	Same
<i>Angle of Convergence</i>	13 degrees	Same
<i>Magnification</i>	10/16	Same
<i>Objective lens working distance</i>	<ul style="list-style-type: none"> <li>● About 83mm(when a magnifying power of 16 is selected)</li> <li>● About 107mm (when a magnifying power of 10 is selected)</li> </ul>	<ul style="list-style-type: none"> <li>● About 80mm(when a magnifying power of 16 is selected)</li> <li>● About 100mm (when a magnifying power of 10 is selected)</li> </ul>
Field of view @ 10x	16mm	15mm
<i>Field of view @ 16x</i>	10.5mm	10mm
<i>Range of PD adjustment</i>	(50-72)mm	(50-70)mm
<i>Eyepiece dioptic adjustment range</i>	±7D	-8D to +5D
<b>Slit Projection Unit</b>		
<i>Slit Type</i>	Turret-type switching	Same
<i>Slit Length</i>	12mm	Same
<i>Slit Width</i>	0.8 and Ø12 spot, similar to SL-15. Also 0.15, 0.5, 1.6 and 1mm square	0.1.0.2,0.8, and Ø 12 spot
<i>Light source</i>	6V, 15W, Halogen Lamp.	7.5V, 15 W Halogen Lamp
<i>Duration of illumination</i>	Fully charged battery enables approximately 45 min of continuous lighting, but the lamp does not run continuously, after duration of 2 minutes it automatically switches off.	Battery life enables approximately 40 min of continuous lighting, but it is recommended to manually switch off after 2 minutes of operation
<i>Light intensity selection</i>	Selection via 0.8 neutral density filter and also continuously variable from low to full brightness	Three selections: Full, 1/4 and 1/16 via neutral density filter.
<i>Filter</i>	Built-in blue filter, Red-free and Neutral density 0.8	Built-in blue filter
<b>Electrical ratings</b>		
<i>Li-ion rechargeable battery</i>	7.5v - 1800mAh	7.4v - 2000mAh
<b>Power Unit (Charger Docking Station)</b>	Can charge in and out of charger	Can only charge in charger.
<i>Input voltage</i>	AC 100-240 V, 50/60Hz	
<i>Power output</i>	30va	90v
<i>Output Voltage</i>	12V DC	8.4V DC
<i>Output current</i>	2.5A	1.5A