



## PSL

Portable Slit Lamp

*A full featured slit lamp, in the palm of your hand.*

## PSL Portable Slit Lamp

The Reichert® **PSL, Portable Slit Lamp**, utilizes a high luminance, natural daylight LED, coupled with a lightweight, compact design, to give you the freedom of using a slit lamp in the palm of your hand. High quality optics provide a clear and detailed view of the eye.

### Small and Lightweight

The PSL Slit Lamp weighs about 1.5 lbs. (0.68 kg) including battery and fits easily and comfortably in your hand. The ergonomic, portable design and convenient carrying case make it an ideal instrument for non-ambulatory patients, nursing home visits, and veterinary work.

### High Luminance Natural Daylight LED

The PSL's high luminance light source provides about 10,000 lux of natural daylight illumination and has a lifespan of 50,000 hours or more; providing bright, consistent light, as well as the convenience of not having to replace bulbs.

### Long Battery Life

The PSL Portable Slit Lamp comes with two long-lasting batteries that can power the unit at maximum illumination for up to two hours. For added convenience, the PSL also comes with its own battery charger.

## Specifications

|                               |  |
|-------------------------------|--|
| <b>Catalog Number</b>         | <b>15090 - PSL Portable Slit Lamp</b>  |
| <b>Magnification</b>          | 10x & 16x eyepieces included   |
| <b>Diopter Adjustment</b>     | ± 7D   |
| <b>Visual Field</b>           | Dia. 0.39 in. (10 mm)  |
| <b>PD Adjustment Range</b>    | 10x eyepiece: 1.97 - 2.76 in. (50 - 70 mm)<br>16x eyepiece: 2.17 - 2.76 in. (55 - 70 mm)             |
| <b>Working Distance</b>       | 3.15 in. (80 mm)   |
| <b>Slit Width</b>             | 0 - 0.43 in. (0 - 11 mm)   |
| <b>Slit Length</b>            | 0.43 in. (11 mm)   |
| <b>Filters</b>                | Cobalt Blue, Red Free,<br>Color Temperature Conversion   |
| <b>Slit Rotation</b>          | ± 30°  |
| <b>Light Source</b>           | High Luminance Natural Daylight LED  |
| <b>Battery</b>                | Li-ion battery 7.4V, 680 mAh<br>(2 hrs. operation at max. illumination)                              |
| <b>Charger</b>                | Input: 100-240V AC, 50-60 Hz<br>Output: 12V DC, 500 mA   |
| <b>Standard Accessories</b>   | Carrying case, Battery (2), Battery charger (1),<br>Forehead support (1), Diopter adjustment bar (1) |
| <b>Dimensions (Slit Lamp)</b> | 4 W x 8.38 H x 6.25 D in.<br>(102 x 213 x 159 mm)  |
| <b>Weight</b>                 | Approx. 1.5 lbs. (680 g)   |

