**myOSL** dosimeter is probably the smallest personal dosimeter based on OSL technology. The dosimeter contains 2 BeO detectors which provides accurate monitoring of X-rays/gamma rays of Hp(10) according to IEC-62387. The energy range will be from 16keV to several MeV. Each dosimeter has its own number and can be pre-calibrated from production site.

The **myOSL** dosimeter can be read in the manual or automatic OSL reader called **myOSLraser** (reader + eraser).
Technical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dose range</td>
<td>0.05mSv – 10Sv</td>
</tr>
<tr>
<td>Dose linearity</td>
<td>up to 10Sv</td>
</tr>
<tr>
<td>Energy response</td>
<td>16keV to several MeV</td>
</tr>
<tr>
<td>Angular response</td>
<td>±60°</td>
</tr>
<tr>
<td>OSL material</td>
<td>2x BeO detectors</td>
</tr>
<tr>
<td>Identification</td>
<td>individual barcode</td>
</tr>
<tr>
<td>Dimension (without Blister)</td>
<td>ca. 33<em>22</em>5mm</td>
</tr>
<tr>
<td>Dimension (standard Holder)</td>
<td>ca. 56<em>34</em>10mm</td>
</tr>
<tr>
<td>Dimension (standard Blister)</td>
<td>ca. 44<em>40</em>6mm</td>
</tr>
</tbody>
</table>
| Blister properties             | - single use  
- waterproof  
- small & light  
- mounting hole for clip  
- place for a label on rear & front side |
| Holder properties              | - multiple use  
- small & light  
- mounting hole for clip or hanger  
- different colours  
- place for a label on front & rear side  
- possible to keep closed with plastic rivets |

Accessories

- Blister
- Holder
- OSL reader & eraser

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