The **MonBaby** portable stimulator is designed for visual electrophysiology tests (flash ERG and VEP) on young infants and patients lying in bed.

The low weight and reduced dimensions of the stimulator allow its easy handling and positioning for the test of young children.

**Stimulus specifications**

The stimulation head includes a matrix of light sources with dimensions of 100 mm x 200 mm, covering a visual angle of 60 degrees at a distance of 100 mm and allowing the stimulation of both eyes simultaneously.

Two different heads are proposed:

- **A white head** made of white LEDs,
- **A color head** made of red and blue LEDs.

The white head can generate flashes over a photopic background of 30 cd.m\(^{-2}\) as well as flicker stimulations at a rate of 30 Hz.

<table>
<thead>
<tr>
<th>Color</th>
<th>Wavelength</th>
<th>Stimulus intensity</th>
</tr>
</thead>
<tbody>
<tr>
<td>White head</td>
<td>460 nm</td>
<td>up to 3 cd.s.m(^{-2})</td>
</tr>
<tr>
<td>Color head</td>
<td>635 nm</td>
<td>up to 30 cd.s.m(^{-2})</td>
</tr>
</tbody>
</table>

### Options

- **Stimulator with a white head**  
  Reference HVM-MonBaby-1
- **Stimulator with 2 heads, one white and one blue/red**  
  Reference HVM-MonBaby-2
**Mechanical specifications**

For one optical head:

- **Width**: 290 mm
- **Height**: 140 mm
- **Depth**: 45 mm
- **Weight**: 1,1 kg

**Electrical specifications**

The MonBaby stimulator is powered directly from the MonBabyBox, MonPackONE or MonColor unit.

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**WARNING**

The MonBaby stimulator is not explosion proof. Do not use it in the presence of flammable anaesthetics.

Installation and servicing must be performed by qualified and properly trained personnel.