

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 allows 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 and 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.

color	wavelength	Stimulus intensity
White		from 0.01 to 80 cd.s.m^{-2} by steps of 0.5 log units
Blue	460 nm	up to 3 cd.s.m^{-2}
Red	635 nm	up to 30 cd.s.m^{-2}



Options

- Stimulator with a white head:
reference HVM-MonBaby-1
- Stimulator with 2 heads: one white and one blue /red
reference HVM-MonBaby-2

LNE/G-MED CE 0459

Manufactured by Metrovision
under ISO13485: 2003
certified quality system.




METROVISION, 4 rue des Platanes 59840 PERENCHIES France
Tel. 33 3 20 17 19 50 Fax 33 3 20 17 19 51 <http://www.metrovision.fr>

Mechanical specifications


(for one optical head)

- width = 290 mm
- height = 140 mm
- depth = 45 mm
- weight = 1.1 kg

Electrical specifications

The  stimulator is powered directly from the MonPack3 or MonColor unit

Warning

- The  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.



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