



**Safety – Treatment effectiveness – Time saving**

## LiLLYMETER

### Radiometric device

Provides precise measurement of blue spectre light intensity to ensure the optimum phototherapeutic treatment.

**“Concentrate on quality care and have costs under control”**

LiLLY Radiometer is only designed for light intensity measurement of LiLLY Phototherapeutic Lamp.



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### Simple handling & Easily legible display

- Easily legible in any environment thanks to display illumination
- The final measurement value remains on the display until the next measurement or until automatic switch-off when not used for one minute
- One-button control

### Perfect optical system & Measurement accuracy

- Measured values displayed in standard units – microwatts per square centimetre per nanometre ( $\mu\text{W}/\text{cm}^2/\text{nm}$ )
- Special sensor design minimises sensitivity to irradiance angle of incidence
- Microprocessor electronics improves effectiveness and suitability for the purpose

### Safety & Calibration

- LiLLY can be calibrated individually according to a standard corresponding to the National Institute of Standards & Technology (NIST) conditions
- A Calibration Certificate is attached for reference in a hospital

### Easy cleaning

- Smooth surface enables the unit to be wiped with disinfectants and prevents deposition of dirt

### Long battery life

- Automatic switching off when not being used extends the operation time without battery replacement

<b>Power voltage</b>	9V ss
<b>Number of measurements with fully loaded battery</b>	720 measurements
<b>Dimensions without sensor:</b>	
height	27 mm
length	110,5 mm
width	66,2 mm
<b>Measured light wavelength</b>	400 – 550 nm
<b>Measurement accuracy</b>	$\pm 10\%$ $\pm 2$ digit.
<b>Measurement range</b>	Peak value (PEAK): 10 – 115 $\mu\text{W}/\text{cm}^2/\text{nm}$ Mean value (MEAN): 3 – 46 $\mu\text{W}/\text{cm}^2/\text{nm}$
<b>Calibration validity</b>	1 year