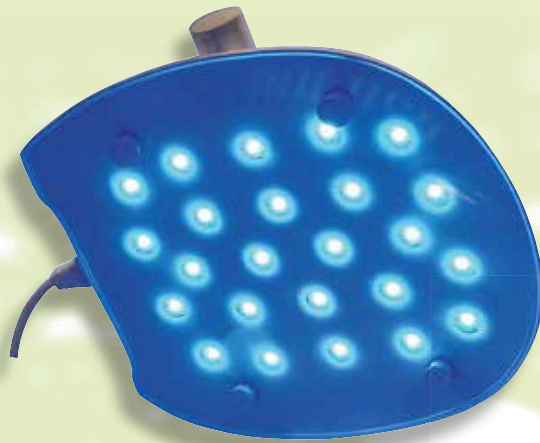


Phototherapy



Phototherapy and more

Neonatology
Respiration
Anaesthesia
Sleep Diagnostics
Oxygen Therapy
Monitoring

- Diagnosis
- Therapy
- Protection



Luna light

Luna light is an ideal solution for intensive care of premature babies. This unit is applicable with or without a trolley. Without trolley the device can be placed on the top of the incubator. The four castors ensure a secure hold and provide an adequate area for movement. The trolley also enables you to perform an individual height adjustment for use in combination with incubators, warming beds, bassinets and beds and to use it flexible for your next patient.

The light sources are cold light LED's so an additional generation of heat will be prevented. There is no significant part of ultraviolet light or infrared radiation.

Because of an additional switch on the front of the machine there is the opportunity to adjust the intensity of radiation optionally from 40 $\mu\text{W}/\text{cm}^2$ to 20 $\mu\text{W}/\text{cm}^2$. The average life of the LED's is approximately 5 years (40.000 hours)!

This means a constant intensity of the blue LED's for thousands of hours with a radiation spectrum of 450-500 nm.

- small
- compact
- space-saving
- safe
- cheap

TECHNICAL DATA

Light source	blue LED
Spectral range of the radiation	450 - 500 nm
Spectral density of radiant power Distance of 460 mm from protective glass	Switch setting (I) 40 $\mu\text{W}/\text{cm}^2$ Switch setting (II) 20 $\mu\text{W}/\text{cm}^2$
Peak wave length	460 nm
Irradiated area min.	300 x 220 mm
Permanent operation	72 hours
Dimensions (without trolley)	308 x 308 x 68 mm
Weight without stand-holder with stand-holder	1,2 kg 1,8 kg
Rotation angel frame – horizontal axis	$\pm 90^\circ$
Operating conditions	10 - 35° C
Power supply Input power	230 V, 50 Hz $\pm 0,5$ 50 VA
Protection Class/MPG-Class	Type BF/IIa
Standardization	IEC 60601-1-2-2007
CE (93/42/EEC for medical devices)	0535

ORDER NUMBERS

IM-3110	(without trolley)
IM-3110mf	(with trolley)





BiliScan

BiliScan is a portable, non-invasive, transcutaneous bilirubin-analysis instrument.

Your advantages

- better measurement method because of innovative technic
- high measuring accuracy because of bichromatic photometry
- high correlation of measured value with plasma-bilirubinconcentration
- fast decision-making because of immediate results
- bloodless, painless and transcutaneous measurement
- easy handling due to ergonomic design and well thought out technic, compactly and easily
- cheap (favourable) in purchase and maintenance
- energy-efficient because of energy-saving programming
- no consumables needed

TECHNICAL DATA

Measuring range	0 - 30 TBI units (0 - 30 mg/dl)
Correlation coefficient with plasma-bilirubinconcentration	> 0.92
Dimensions	135 x 65 x 35 mm
Weight	150 g
Energy supply	3 batteries (AA)
Voltage	4,5 V

ORDER NUMBER

bscanhul



Bili Mask

Bili Mask is laid over the eyes of the new-born baby and protects it reliably against the light source of the irradiation unit.

Your advantages

- 3 different sizes
- skin friendly
- easy handling
- reliable shielding
- cheap

ORDER NUMBER

201.010	Size S
201.011	Size M
201.012	Size L