

LÖWENSTEIN
medical



bilibluelight

Dependable phototherapy for our youngest patients.

bilibluelight

Effective therapy for lowering the serum bilirubin concentration in the blood of premature infants and newborns.

Phototherapy is used to treat neonatal jaundice in premature and newborn babies in order to prevent bilirubin encephalopathy as the most significant complication. Unconjugated bilirubin is photochemically converted into a water-soluble state and excreted through the gallbladder and kidneys.

The bilibluelight bilirubin lamp by Löwenstein Medical is an effective and modern photo therapy system for the breakdown of bilirubin in serum. The user-friendly bilibluelight offers intuitive operation, high-quality design and low weight.

It features powerful high-quality LEDs with a capacity of over 40,000 operating hours. The compact, lightweight bilibluelight is perfectly suited for use in neonatal and pediatric wards. For this purpose, the bilibluelight can be operated either as a surface-mounted light on acrylic domes or on an optional rolling stand.

Product functions:

- high radiation intensity and ideal ultraviolet wavelength
- light is only emitted downwards
- closed design to protect the user and the integrated technology
- high-quality workmanship thanks to robust aluminum and glass fiber-reinforced high-performance plastic
- micro suction cups guarantee a secure hold on the incubator or closed thermal bed
- extremely compact in both use and storage
- maintenance-free LED technology with a service life of over 40,000 hours



bilibluelight with optional rolling stand



bilibluelight as a surface-mounted light

Löwenstein Medical offers a unique and sustainable clinical solution with its innovative bilibluelight phototherapy system:

Optimal bilirubin degradation

- uniform wide light distribution
- the wavelength is optimized for the best possible bilirubin metabolism

User-friendly

- lightweight, compact, and robust housing
- modern design and silent operation

Money-saving

- low power consumption (17 watts)
- LED technology enables remarkable energy savings compared to conventional 100 watt phototherapy systems
- maintenance-free LED technology

Efficient

- high radiation intensity
- low heat emission thanks to innovative LED technology
- uniform light distribution
- optimal wavelength of 444 nm

Good operability

- no glare and no light scatter thanks to innovative design
- easy to use on incubators and closed thermal beds
- light weight and compact design

Environmentally friendly and cost effective

- The service life of LEDs is 40 times longer than that of phototherapy systems with compact fluorescent lamps (CFL)
- significant reduction in spare parts costs and downtime
- more than 80% reduction in power consumption compared to a conventional 100 watt emitter
- less than 15% power loss after 40,000 operating hours



Technical specifications

Number of LEDs	24
Performance	17 watts
Dimensions (W x H x D):	420 x 54 x 136 mm
Weight	1.2 kg
Irradiance at 444 nm	55.66 $\mu\text{W}/\text{cm}^2/\text{nm}$

Device designation Article no.

bilibluelight	0218020
bilibluelight rolling stand	0218023bg



eyemax²

eyemax² offers neonatal eye protection for UV phototherapy.
eyemax² is available in three different sizes:



Micro
OFC 20 – 26 cm
Article no.: r300p03



Premie
OFC 26 – 32 cm
Article no.: r300p02



Regular
OFC 32 – 38 cm
Article no.: p300p01



Our product illustrations include special accessories that can be ordered in addition to the standard product.
Please ask for details.

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