

## Photo-Therapy 4000 Phototherapy Systems

Bilirubintherapy in a new light. With its high reliability and low running costs, the Photo-Therapy 4000 is recommended as a highly effective piece of pediatric equipment for use in the breakdown of high concentrations of bilirubin.



PT4000

## Benefits

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### Balanced therapy for high levels of bilirubin

The Photo-Therapy 4000 provides a high intensity light (irradiance) at the most effective wavelengths and it covers a large surface area of the infant's bed.

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### Efficient and effective phototherapy

The blue part of the spectrum, with an absorption peak of 460 nm, is particularly effective for the disintegration of bilirubin. The Dräger "blue" fluorescent lights emit rays precisely in this range and are therefore ideally suited for this treatment\*.

Note:

\*Neonatal phototherapy – today's lights, lamps and devices infant, volume, volume1, issue 1 - 2005

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### Compact dimensions

The low weight, no noise and compact dimensions make this an ideal device for well baby nursery, NICU, and paediatric departments. The Dräger Photo-Therapy 4000 provides a high intensity light (irradiance) at the most effective wavelengths and it covers a large surface area of the infant's bed. emits most of its light where the blue portion of the light spectrum is most effective in decomposing bilirubin at an absorption peak of 460 nm.

## Accessories

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### Neonatal Care Accessories

Dräger accessories for neonatal ventilation and thermotherapy ventilate gently and effectively, reduce stress and help promote the development of the newborn with a wide range of accessories designed specifically for use with the smallest of patients.

## Technical Data

4 fluorescent tubes "blue" light

2 fluorescent tubes "blue" light

Power supply	120 watts
Radiant intensity in a distance of 40 cm/16 inches (US)	
With 4 blue fluorescent lights	E <sub>Bi</sub> = 1.6 ±0.3 mW/cm <sup>2</sup>
With 6 blue fluorescent lights	E <sub>Bi</sub> = 2.3 ±0.4 mW/cm <sup>2</sup>

### Counter for operationg hours integrated

Dimensions (L x W x H)	54 x 28.5 x 13.5 cm 21 x 11 x 5 inches (US)
Weight	110–127 V: 7.2 kg/16 lbs. 230 V: 5.6 kg/12 lbs.
Recommended bulb exchange of »blue« light tubes every 1000 hours	

## Ordering Information

Name	Order-No.
Photo-Therapy 4000	2M 22 310
	2M 21 700 (US)
Stand on castors	2M 21 190
Fluorescent light "blue"	2M 21 010
Fluorescent light "white"	2M 21 009

## Notes

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**As of August 2015**

Dräger Medical GmbH changes  
to Drägerwerk AG & Co. KGaA

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