

# neoBLUE<sup>®</sup> Radiometer

LED Phototherapy

To accurately measure the  
intensity of neoBLUE LED  
Phototherapy Systems



**The neoBLUE<sup>®</sup>  
radiometer  
provides precise  
measurement of  
light in the blue  
spectrum to ensure  
optimal phototherapy  
treatment**

## Helps You Comply with AAP Guidelines by Providing Accurate Readings in Blue Spectrum<sup>1</sup>

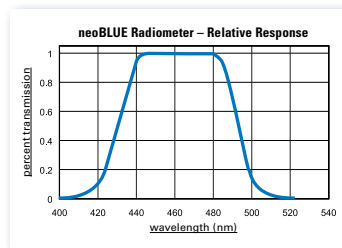
- Measures action spectrum of bilirubin — 420 to 500 nm

## Easy to Use & Read with Large Clear Display

- Easy to read under all lighting conditions
- Memory feature helps reduce errors
- When button is released, the final reading remains locked
- To take new or repeat reading, simply press & hold button – the previous memory is erased

## Precision Optical System Provides Reliable, Reproducible Measurements

- Standard unit of measure – microwatts per centimeter squared per nanometer ( $\mu\text{W}/\text{cm}^2/\text{nm}$ )
- Auto-ranging – automatically measures irradiance from 0.1 to 150.0  $\mu\text{W}/\text{cm}^2/\text{nm}$
- Dome diffuser on sensor minimizes angular sensitivity
- Microprocessor electronics improve linearity & reliability



## Calibrated to National Standards

- Each neoBLUE Radiometer is individually calibrated to a standard that is traceable to the National Institute of Standards & Technology (NIST)
- Calibration certificate provided for hospital reference

## Easy to Clean

- Can be wiped clean with disinfectants

## Long Battery Life

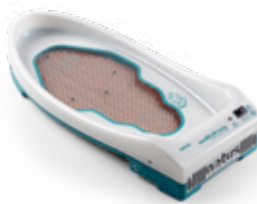
- Features automatic shut-off to conserve power

<sup>1</sup> Subcommittee on Hyperbilirubinemia. American Academy of Pediatrics clinical practice guideline: Management of hyperbilirubinemia in the newborn infant 35 or more weeks of gestation. Pediatrics. 2004; 114(1):297-316.



The neoBLUE radiometer measures spectral irradiance of LED light sources in the blue spectrum.

The neoBLUE radiometer is intended only for use with the neoBLUE LED Phototherapy product line, including the neoBLUE, neoBLUE mini & neoBLUE cozy devices.



## Ordering Information

**neoBLUE Radiometer**  
Includes radiometer & sensor  
**CAT. NO. 53870**

## Regulatory Standards

Electrical Safety – certified to:  
CAN/CSA C22.2 No. 1010.1-92  
CAN/CSA C22.2 No. 1010.1B-97  
UL61010B-1

**natus**  
pediatrics

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