

- **NIST – traceable certification**
- **4 ½ - digit readout**
- **Spectral response 425 – 475 nm**
- **IL74-I Calibrated in $\mu\text{W}/\text{cm}^2$ or IL74-BI Calibrated in $\mu\text{W}/\text{cm}^2/\text{nm}$**
- **Simple 1 – button operation**
- **Removable protective boot**
- **9 – volt battery operated**
- **Intended for routine use in clinical settings**



Verification of prescribed phototherapeutic treatment levels has become increasingly important as the number and variety of hyperbilirubinemia therapy systems has expanded. The variables of lamp aging and patient distance from the lamp head can cause significant uncertainty in the resulting dosage.

The IL74 Specialist Series™ Hyperbilirubinemia monitor directly measures the exposure level in the patient plane. The detector is filtered to accept the 425 - 475 nm action spectrum, and is available with either of the standard calibrations (IL74-I for $\mu\text{W}/\text{cm}^2$ or IL74-BI for $\mu\text{W}/\text{cm}^2/\text{nm}$). The meter has a measurement range of 1 - 1999.9 $\mu\text{W}/\text{cm}^2/\text{nm}$ for the IL74-BI or 1 - 199.99 $\mu\text{W}/\text{cm}^2$ for the IL74-I. Readings are taken using a single button, and the meter shuts off automatically after 1 minute to preserve the life of the 9-volt battery. The 4 ½ - digit meter is enclosed in a removable cushioning boot that protects the unit from accidental falls and acts as an instrument stand or hanger. Each system is individually calibrated to NIST-traceable standards and is supplied with an appropriate certificate.