

L11C

Transcutaneous Jaundice Detector

L11C transcutaneous jaundice detector is a hand-held instrument for clinical dynamic examination of neonatal jaundice. It takes use of the correlation between percutaneous bilirubin concentration and serum bilirubin concentration, Noninvasive and immediate detection measurement prevent the discomfort of neonate blood drawing and reduces detection cost while increases clinicians working efficiency.



Perfect for use in the NICU or newborn nursery.



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Transcutaneous Jaundice Detector

L11C transcutaneous jaundice detector is a combination of advanced electronics and optical technology. It adopts innovative probe structure design and processing technology, high-precision sensor, unique pressure correction algorithm and information processing technology.

Features:

- Portable and easy for use
- LED light source, longer life time with low power consumption
- Big font color display with sound indication
- Neonate bilirubin graph display (hour-based)
- Big area sensor, accurate measurement
- Simultaneous measurement result display
- Visual and Audible alarm
- Unique pressure calibration algorithm, there is no need of calibration at user 's side
- 20 sets of data storage, circularly review
- 5-min auto power off

Specification:

Display: 1.3 inch color LCD display
Measurement mode: Double wavelength method
Measurement range: 0~25mg/dL or 0~425 umol/
Accuracy: $\pm 1\text{mg/dL}$ (0~15.9mg/dL), $\pm 1.5\text{mg/dL}$ (16~25mg/dL)
Light source: 8pcs of super-bright double-color LED
Sensor: 7.5 mm² big area Photo-Diode
Power: AA 1.5v*2 Alkaline battery or Li-Ion battery 700mAh
Repetition rate: <10%

Application:

BLE data communication, neonate bilirubin graph display (hour-based)