

WaltersMedical

Specialist Critical Care



Transcutaneous Jaundice Meter

CAT NO. BM-100A



www.waltersmedical.co.uk

Introducing the BM-100A Jaundice Meter

Accurate. Non-Invasive. Reliable.

The BM-100A Jaundice Meter is a cutting-edge medical device designed to provide quick, non-invasive screening for neonatal jaundice. Ideal for hospitals, clinics, and community/home healthcare use, the BM-100A offers a safe and painless way to assess bilirubin levels in newborns, as early as 24 weeks gestation —helping healthcare professionals make timely decisions with confidence. With user-friendly operation, fast results, and consistent accuracy, the BM-100A is an essential tool in modern neonatal care.

- **Bright 3.0-inch colour touchscreen display** - instant clear results enabling quick clinical decision making
- **Multiple Patient Data Storage** - manage numerous patient records simultaneously with ease
- **Long-Lasting Power** - rechargeable battery and charging base included - capable of up to 2,000 measurements per charge
- **Smart charging base with integrated light checker** - confident accuracy every time; no consumables or extra costs
- **Precise detection of high-risk jaundice patients** - aligned with the latest clinical guidelines
- **Reliable, hassle-free readings** - no recalibration needed between patients
- **Average measurement function** - configurable between 1 and 5 readings to enhance accuracy
- **Supports unit conversion** - switch easily between mg/dL and $\mu\text{mol/L}$
- **Portable Protection** - supplied with a metal carry case

Specification

Power requirement	AC 100V-240V, 50/60Hz, 30VA
Light source	Xenon flash lamp
Light source life	Not less than 150,000 times
Display range	No less than 25.0 mg/dL (425 $\mu\text{mol/L}$)
Accuracy	± 1.5 mg/dL (± 25.5 $\mu\text{mol/L}$)
Repeatability	No more than 3%
Information prompt	When the voltage of the built-in battery is lower than 6.8V, low voltage prompt
Inspection screen	Transmittance ratio of the spectra with wavelength of 550nm and 461nm is: The inspection screen with predetermined value of "0" is 1 ± 0.1 The inspection screen with predetermined value of "20" is 5 ± 0.5
Brightness settings	Screen brightness can be adjusted across 5 levels
The screen saver	Screen saver time can be set to 1 or 5 minutes
Historical data saving	Nurse ID number, baby ID number, measurement result, measurement time, measurement is priority, blue light completion mark can be saved

Standard Configuration

- Main body, base and power adaptor

Environmental Requirement

- Temperature range: 5°C-40°C
- Relative humidity: $\leq 90\%$ RH
- Atmospheric pressure: 700hPa-1060hPa

Product Dimensions

- Host size: 60mm $\times$ 41mm $\times$ 175mm
- Host weight : ≤ 250 g
- Base size: 85mm $\times$ 155mm $\times$ 106mm
- Base weight: ≤ 250 g



After Care Service

We offer a Repair and Re-Calibration Service for our Jaundice Meter. See back page.

Integrated light checker



We're here to *helps...*

SERVICE/REPAIR/CALIBRATION

PROTECT YOUR INVESTMENT. PRIORITISE PATIENT CARE.

The BM-100A Jaundice Meter is a vital tool in early diagnosis and newborn care. With this in mind, we offer an Annual Service Contract to ensure:

- **Optimal performance** with regular calibration and diagnostics
- **Minimised downtime** through priority repairs and fast response
- **Extended Lifespan** with expert preventative maintenance
- **Cost Savings** on unexpected repairs

BM-100A
supplied with
a carry case

STAY CONFIDENT IN EVERY READING

Sign up for our *Annual Service Contract* today—because when it comes to newborn health, precision matters.



Trusted expertise to find the product you need, fast.

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