



BM-100series

Transcutaneous Jaundice Detector



DAVID

Stock code [300314]

GUARDING NEWBORNS

Introducing the BM-100 series jaundice meter from NB David, available in 2 models - BM-100A and BM-100C

Accurate, effective and user friendly, the BM-100 offers instant results and a long battery life. There is the option for a barcode scanner and intelligent transmission which allows for all the data to be simply transferred to a PC.

BM-100A

Ideal for community settings or when the need for scanning and USB transfer is not needed

FEATURES

- 3" colour touch screen
- long battery life (2000 measurements per full charge)
- storage of patient information and results
- long life span (> 150,000 scans)
- self calibration

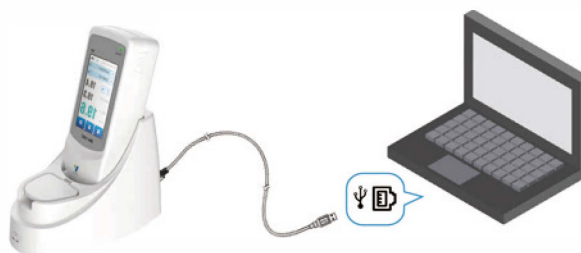
BM-100C

Offering extra features, the BM-100C is ideal when you want to scan patient ID and transfer data via USB

FEATURES

As included in BM-100A plus;

- bar code/ QR reader to scan Baby ID/ Nurse ID
- USB transfer of data



Brief Introduction

■ Effective, User-friendly, Intelligent transmission

3.0 inch color touch screen, large character indicates and read measurement value clearly and rapidly;

On-screen display of multiple measurement data, and simultaneous storage of multiple patient information, achieving data management to patients.

■ Long endurance, environment friendly and durable

Equipped with charging base, enduring built-in chargeable battery, measuring 2000 times after battery is full;

Xenon flash lamp with long lifespan (measurement $\geq 150,000$ times);

Charging base with the function of integrated light checker, consumable-free, saving cost for check.

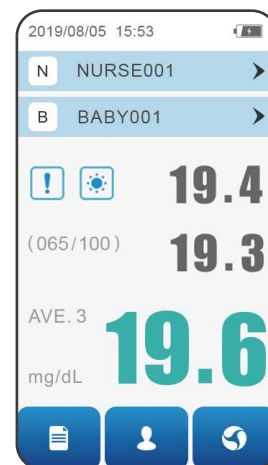
■ Accurate measurement and quick check

Effective check to identify patient with high-risk jaundice precisely, conform to the newest clinical guidance;

Constant measurement to multiple patients without repeating calibration;

Average measurement: this function permits 1~5 times setting of average measurement to ensure the accuracy on results;

Converting between two kinds of measurement unit mg/dL, $\mu\text{mol/L}$.



Standard Configuration

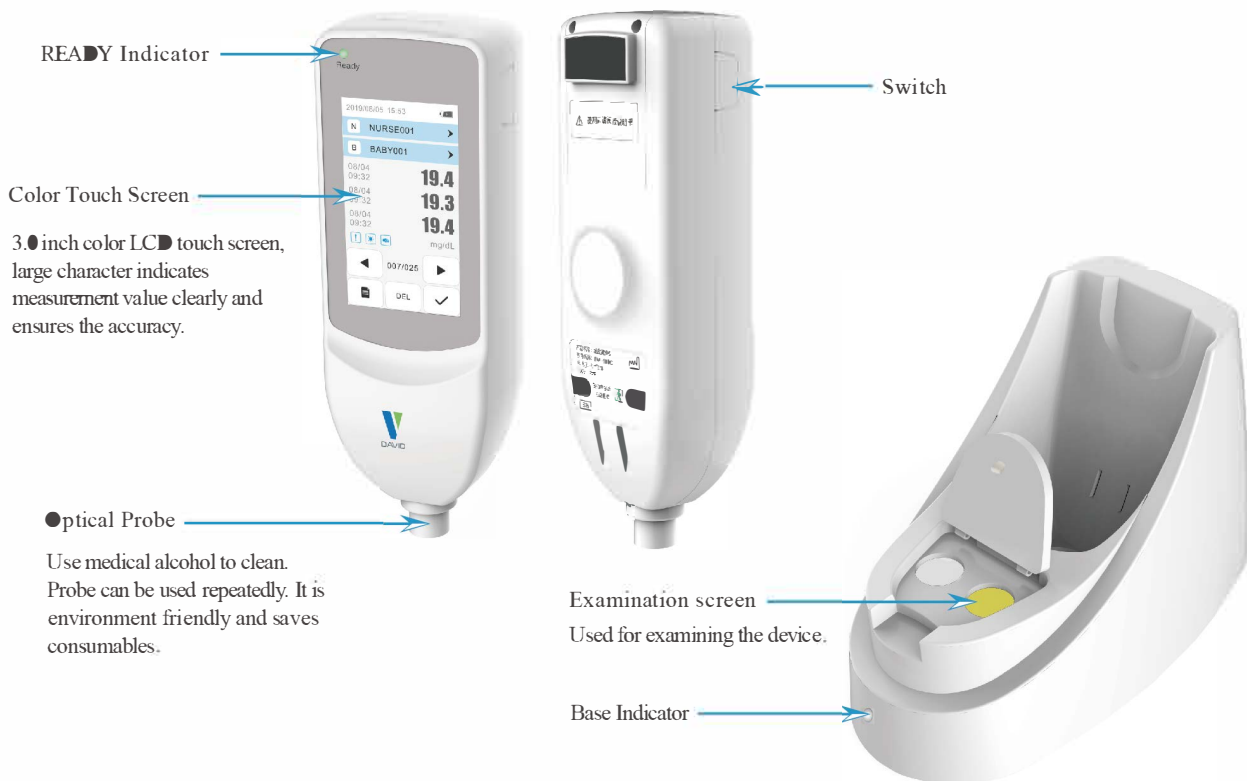
Consist of main body, base and power adapter.

Product Description

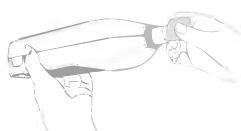
- Multiple scenes: applied to neonatology, paediatrics, delivery room, neonatal ward and NICU, etc;
- Colorful display screen: 3.0 inch color touch screen, on-screen display of multiple measurement data, ensure the excellent operation experience;
- Chargeable battery: equipped with charging base, enduring built-in chargeable battery, convenient for medical staff to use;
- Enduring light source: xenon flash lamp with long lifespan (measurement $\geq 150,000$ times);
- Low voltage indication: an low voltage indication will be activated by low battery capacity;
- Unit conversion: converting between two kinds of measurement unit mg/dL, $\mu\text{mol/L}$;
- Measurement mode: this function permits 2~5 times setting of average measurement;
- Data storage and transmission: multiple patients' data can be stored.


Standard Configurations


Main body (Optical probe, Display screen, Battery, Mainframe circuit), Base and Power Adapter.

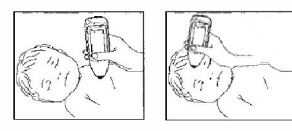


Simple Operation

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1. Clean the optical probe with medical alcohol.
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2. Press and hold the power switch to turn on the device and get into the menu.
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3. Type through touch screen for "Nurse ID" and "Infant ID".
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4. Place optical probe vertically on the measuring point (sternum or forehead), push slightly till it gleams.



Ningbo David Medical Device Co.,Ltd

TECHNICAL SPECIFICATION

Screen Type	3" LCD Colour Touchscreen
Light Source	Xenon flash lamp
Light Source Lifetime	Not less than 150,000 measurements
Data Storage	Internal memory of 100 records
Data Transmission	USB data transfer (BM-100C)
Units of Measurement	mg/dL or $\mu\text{mol/L}$
Measurement Range	0.0 - 25.0 mg/dL 0 - 425 $\mu\text{mol/L}$
Measurement Accuracy	± 1.5 mg/dL ± 25.5 $\mu\text{mol/L}$
Battery	Lithium
Charging Time	4 hours
Number of Measurements from Full Charge	2000
Unit lifetime	6 years
Operating Environment Requirements	Temperature: 5°C - 40°C Humidity: $\leq 90\%$ RH Atmospheric Pressure: 500hPa - 1060hPa
Transport Environment Requirements	Temperature: -20°C - 55°C Humidity: $\leq 90\%$ RH Atmospheric Pressure: 500hPa - 1060hPa

PHYSICAL SPECIFICATION

Unit Dimensions (WxDxH)	60 x 46 x 175mm
Base Dimensions (WxDxH)	85 x 155 x 106mm
Unit Weight	252g
Base Weight	237g

STANDARDS

Classifications	Class IIa
Quality Standards	ISO13485, 93/42/EEC and CE Certificate
Warranty	1 year (optional year 2 warranty available)

Contact us to discuss your requirements and specification or to request further information.

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