

Jaundice Meter

BY-D-I Jaundice Meter adopts advanced fiber technology, optical technology, electronics and information processing technology, the light and electricity organically combined for dynamically monitoring neonatal serum bilirubin percutaneous value. The device can measure percutaneous bilirubin value related to serum bilirubin concentration through neonatal skin by rapid noninvasive determination, eliminating the pain caused by repeated blood samples to neonates, but also reducing difficulties of medical staff to collect blood samples.

Product configuration:

Jaundice meter, calibration plate and charger.



Technical Parameters:

Model	BY-D-I
Measuring method	Light reflection
Light Source	Xenon flash
Display	LCD
Measuring Range	0.0~29.9mg/dl(0.0~425μmol/L)
Indication Error	00~15±1(mg/dl) ; 16~25±1.5(mg/dl)
Measuring Accuracy	RSD<2%
Battery	4 Triple A rechargeable nickel-metal hydride batteries
Measuring times	800 times after each full charge
Measuring units	mg/dl; μmol/L
Measuring averages	2~5 sets
Calibration Plate	White screen 00.0 or 00.1mg/dl; yellow screen 20.0 ± 1 mg/dl
Working Temp	10~30°C
Working Relative Humidity	≤80%
Working Atmospheric Pressure	75Kpa~106 Kpa
Power Supply	Input: AC220V 50Hz; Output: DC6.0V 0.5A
External Size (W*D*H)	175*68*26mm
Package Size (W*D*H)	275*135*235mm (carton box)
Net Weight (kg)	0.157(including batteries); 0.11 (without battery)
Gross Weight(kg)	1.33