Jaundice Meter

DRAGER JAUNDICE METER JM-105

ABOUT

The **Drager Jaundice Meter JM-105** is a non-invasive transcutaneous bilirubinometer designed for fast and reliable jaundice screening in newborns. By providing immediate bilirubin level readings without the need for blood draws, this device reduces stress on infants and streamlines neonatal jaundice management. With advanced data transmission capabilities, reusable probe tips, and a long-lasting xenon arc lamp, the JM-105 enhances efficiency while reducing operational costs.







FEATURES

Non-Invasive Bilirubin Screening: Provides immediate results without requiring blood samples, minimizing discomfort for newborns.

Reliable Measurements: Accurately detects bilirubin levels in infants as young as 35 weeks gestational age.

Cost-Effective Design: Features a reusable probe tip, eliminating the need for disposable components and reducing long-term expenses.

Fast and Easy Operation: Single-step measurement process ensures quick and accurate screening, reducing time spent on testing.

Data Transfer Capability: USB connectivity allows seamless integration with electronic medical records (EMR) for improved workflow efficiency.

Durable and Long-Lasting: Equipped with a xenon arc lamp rated for 150,000 measurements, ensuring extended use.

Portable and Lightweight: Compact design allows for easy transport between patient rooms or different healthcare facilities.

Drager Jaundice Meter JM-105

SPECIFICATIONS

DIMENSIONS

Height: 6.6 in (16.8 cm)

Width: 2.2 in (5.6 cm)

Depth: 1.8 in (4.5 cm)

Weight: 0.45 lb (0.203 kg)

PERFORMANCE

Measurement range: 0.0 mg/dL to 20.0 mg/dL (0 µmol/L to 340 µmol/L)

Clinical Data Standard Error of Estimate (SEE): ± 1.5 mg/dL or ± 25.5 µmol/L (> 35 weeks gestation)

ELECTRICAL AND BATTERY

Battery: Internal NiMH

Number of measurements (when fully charged): 250

AC adapter input 9 VDC, 500 mA

AC adapter output 100 V ~ to 240 V ~, 50/60 Hz, 11 VA to 18 VA

Light Source: Pulse xenon arc lamp

Light Source Life: 150,000 measurements

Sensors: Silicon photodiodes

CONNECTORS AND PORTS

USB Port: HL-7 or CSV