

BiliChek® Noninvasive Bilirubin Analyzer

Painless, Gentle and Effective

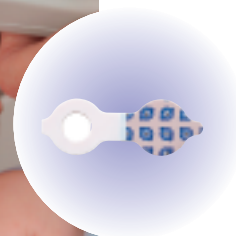


BiliChek® Noninvasive Bilirubin System allows you to measure total serum bilirubin levels gently – and without a blood sample. No pain. No waiting. And no risk of infection. There's really no better alternative.

BiliChek® Noninvasive Bilirubin Analyzer

Using light instead of a needle, BiliChek® allows you to test bilirubin levels without regard to gender, gestational age, or bodyweight – and without needing a blood sample. Only its replaceable plastic tip touches the newborn, so the BiliChek® greatly reduces the risk of infection or cross contamination.

Resting lightly on the newborn's head, this revolutionary hand-held unit gives you instant results – allowing you to make immediate treatment decisions. By reducing the need for a heel-stick blood test, blood transport services and laboratory reagents, BiliChek® can be more cost-effective as well.



BiliEclipse™
(Phototherapy Patch)



BiliCal™
(Individual Calibration Tip)

specifications

INTENDED USE	Pre, During & Post Phototherapy
GESTATIONAL AGE	27-42 weeks
POST-NATAL AGE	0-20 days
PATIENT WEIGHT RANGE	950-4,995 grams
TOTAL SERUM BILIRUBIN RANGE	0-20mg/dL
ACCURACY (RMSE)	+/- 1.5mg/dL
REPEATABILITY (SD)*	+/- 0.66mg/dL
CORRELATION	r = 0.90
BiliChek® HAND-HELD UNIT	
Dimensions	2.4 x 8.5 x 3.1 in (6.0 x 21.6 x 7.8 cm)
Weight (with Battery Pack)	12 oz (346 g)
BATTERY PACK	
Type	Ni-Cd
Measurements Per Full Charge (minimum)	100
Battery Life	1 year
Recharge time (maximum)	4.6 hours
Deep Discharge & Recycle Time (maximum)	9.2 hours
CHARGER BASE	
Dimensions	4.9 x 3.0 x 4.8 in (12.4 x 7.6 x 12.1 cm)
Weight (with Battery Pack)	9 oz (264 g)
LIGHT BULB	
Type	Tungsten
Life	30,000 measurements
POWER SUPPLY	
Input	100-250V, 47-63 Hz
Output	12V DC, 1.2 Amp

*Instrument to Instrument Repeatability

ordering info

item no.	description	quantity
B800	BiliChek® System	1 each
B800-14	Carrying Case – Small	1 each
B800-15	Carrying Case – Large	1 each
B800-21	Charger Base	1 each
B800-20	Battery – Rechargeable	1 each
H150-0800-01	Power Supply – Wall Mount	1 each
B800-22	Replacement Light Kit	1 each
B800-50	BiliCal™ Calibration Tips	50/pkg.
B800-11	BiliEclipse™ Phototherapy Patch	50/pkg.



Customer Service: 1-800-345-6443 or 724-387-4000

Respironics Europe: +33-1-55-60-19-80

Respironics Asia Pacific: +81-3-5280-9611

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CAUTION: U.S. federal law restricts these devices to sale by or on the order of a physician.

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