

BILIRUBIN METER

Ideal for Clinical, Educational and Biochemical Laboratory

- Automatic Zero Function
- Built-in Check Filter
- Dual Wavelength (455 and 575nm) of Total Bilirubin
- Alarm function informs user of abnormalities



BR-400 DUAL WAVELENGTH TOTAL BILIRUBIN METER

BR-400 is an easy to use, high-performance total bilirubin meter developed with the state-of-the-art technology. Since hemolysis in the serum of new borns is frequent, this instrument is particularly suitable for jaundice examinations of infants.

Features

■ **Advanced electronics technology makes operation extremely easy.**

The auto-zero electronic circuit returns the display to zero with the simple touch of the auto-zero button. Each sensitivity adjustment for the dual wavelength is calculated with an operating circuit and provides the best result. The troublesome operation seen in conventional devices is eliminated.

■ **Handles hemolysis and turbidity easily.**

Careful selection of the dual wavelength color filters and the combination of electronic technologies minimize the interference of hemolysis and turbidity.

■ **Inserting of capillary tubes into the cell holder has been simplified**

In conventional devices, the capillary tubes containing specimens were placed by removing the cell holder. In the present device, use of the sample gauge makes it unnecessary to go through the cell holder, measurement is enabled simply by inserting the capillary tube.

■ **Alarm function informs user of abnormalities.**

Alarm function signals either abnormal values of situations such as a burned out bulb, bilirubin concentration of 30 mg/dl or more, or hemolytic hemoglobin of 250 mg/dl or more

Specifications

Range of measurement	0 to 30mg/dl (total bilirubin)
Correcting hemolysis	0 to 250mg/dl
Measuring accuracy	< CV 2%
Sample volume	1 Capillary tube (whole blood)
Measuring wavelength	Main 455nm, Sub 575nm
Alarm	Bilirubin concentration of 30mg/dl or more
Display	3 1/2 digit red LED
Light source	Tungsten lamp, 10V, 1A
Detector	Photodiode (G1120)
Electrical	115V / 230V, 50/60Hz, 53VA
Dimensions	250(W) x 335(H) x 155(D) mm
Net weight	5.6kg

Standard Accessories

Bilirubin control check filter	Built-in	Spare fuse	2 pcs
Capillary tube (heparinized)	1 pack (100pcs/pack)	Power cord	1 pc
Capillary tube (plain)	1 pack (100pcs/pack)	Dust cover	1 pc
Tap seal	1 pc	Operation manual	1 copy

* Continuing research and improvements may result in specification change at any time.

* 1 year warranty on all parts except for the consumables.

* CE marked. Copies of CE documentation are available for compliance verification.



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