



DUAL WAVELENGTH TOTAL BILIRUBIN METER

# BR-5000N



\* **Easy operation**

Microprocessor enables the Auto Calibration and easy operation.

\* **External Interface**

Printer interface and RS-232C interface are built in.

\* **Unit Indication**

Both mg/dL- and  $\mu\text{mol/L}$ -indication are available.

\* **Handles hemolysis and turbidity easily**

The dual wavelength measuring method of BR-5000N eliminates interference of hemolysis and turbidity.

\* **Easy set of the sample tube**

A sample gauge provided on the surface of BR-5000N, which indicates the proper sample volume to be inspected. Only simple action is required to set the capillary tube into the holder.

\* **Alarm lamp informs user of abnormalities**

Alarm lamp signals either abnormal value or situations such as burned out of the bulb, bilirubin concentration of 30mg/dL or more, or high hemolysis of 250mg/dL or more.

\* **Flexible power source**

Power requirement is flexible, from 100 to 240VAC.



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### BR-5000N



Printer (Example)

BR-5000N(Rear side)

#### SPECIFICATIONS:

Filters	461nm, 551nm
Range of measurement	0 – 30mg/dL(Total bilirubin)
Correcting Hemolysis	0 – 250mg/dL Hbcv
Measuring accuracy	±5%
Sample Volume	50 – 60µL
Display	LCD Display 16 rows x2 lines
Sample Container	Hematocrit capillary tube (heparinized)
Light source	5V 0.75A tungsten lamp
Detector	Silicon photocell
Printer interface	Centronics (D-SUB 25pins) *Printer is not included in the standard accessories.
Serial interface	RS-232C (D-SUB 9pins)
Power Requirements	100 – 240VAC, 50/60Hz, 35W
Dimensions	280(W)x230(D)x120mm(H)
Weight	Net 3.4kg (Main body)

#### STANDARD ACCESSORIES:

Power cord	1 pc
Bilirubin standard	1 bottle
Capillary tube (heparinized)	1 vial (100pcs)
Capillary tube (plain)	1 vial (100pcs)
Tap seal	1 pc
Fuse (1A)	2 pcs
Dust cover	1 pc
Operation manual	1 copy