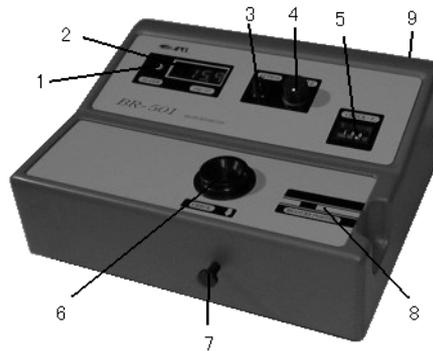# DUAL WAVELENGTH TOTAL BILIRUBIN METER

BR-501

- **Auto-zero function**
  Advanced electronic technologies such as Auto-Zero system simplify the operation.
- **Handles hemolysis and turbidity easily**
  Careful selection of the dual wavelength color filter and the combination of electronic technology minimize the interference of the hemolysis and turbidity. Particularly suitable for jaundice examinations of neonates.
- **Easy set of the sample tube**
  A sample gauge provided on the surface of BR-501, 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 of more, or high hemolysis of 250 mg/dL or more.
- **Flexible power source**
  Power requirement is flexible, from 100 to 240 VAC.
- **Easy lamp replacement**
  Exchange procedure of the lamp is simplicity itself.

DUAL WAVELENGTH TOTAL BILIRUBIN METER

BR-501

1. LED alarm display
2. Digital display
3. 0-ADJ Auto-0 button
4. Scale knob
5. Checked value (for memory)
6. Check filter knob
7. Capillary tube holder
8. Serum gauge

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	3-1/2, 7-segment red LED
Sample Container	Hematocrit capillary tube (heparinized)
Light source	6V 1.5A tungsten lamp
Detector	Silicon photocell
Power Requirements	100 – 240VAC, 50/60Hz, 35W
Dimensions	280(W)x230(D)x120mm(H)
Weight	Net 2.7kg (Main body)

STANDARD ACCESSORIES:

Bilirubin Standard	1 set
Capillary tube (heparinized)	1 vial (100pcs)
Capillary tube (plain)	1 vial (100pcs)
Tap seal	1 pc
Spare lamp	1 pc
Fuse (1A)	2 pcs
Dust cover	1 pc
AC power cord	1 pc
Operation manual	1 copy