

# SC-CAL PLUS

## HEMATOLOGY CALIBRATOR

|                   |
|-------------------|
| <b>CALIBRATOR</b> |
|-------------------|

|            |                 |
|------------|-----------------|
| <b>LOT</b> | <b>PLUS0323</b> |
|------------|-----------------|



|                   |
|-------------------|
| <b>2023-04-05</b> |
|-------------------|

## The U.S. Units

## The International Units

| Instrument  | Parameter  | The U.S. Units             |                  | The International Units    |                  |
|---|------------|----------------------------|------------------|----------------------------|------------------|
|   |            | Calibration Values         | Acceptable Range | Calibration Values         | Acceptable Range |
| <b>BC-3200</b>  | <b>WBC</b> | 9.6 x 10 <sup>3</sup> /uL  | 9.4 - 9.8        | 9.6 x 10 <sup>9</sup> /L   | 9.4 - 9.8        |
|   | <b>RBC</b> | 4.63 x 10 <sup>6</sup> /uL | 4.55 - 4.71      | 4.63 x 10 <sup>12</sup> /L | 4.55 - 4.71      |
|   | <b>HGB</b> | 13.7 g/dL                  | 13.5 - 13.9      | 137 g/L                    | 135 - 139        |
|   | <b>MCV</b> | 86.4 fL                    | 84.4 - 88.4      | 86.4 fL                    | 84.4 - 88.4      |
|   | <b>PLT</b> | 259 x 10 <sup>3</sup> /uL  | 247 - 271        | 259 x 10 <sup>9</sup> /L   | 247 - 271        |
| <b>BC-3600</b><br>CD version 1.8(FDA) or greater  | <b>WBC</b> | 8.9 x 10 <sup>3</sup> /uL  | 8.7 - 9.1        | 8.9 x 10 <sup>9</sup> /L   | 8.7 - 9.1        |
|   | <b>RBC</b> | 4.62 x 10 <sup>6</sup> /uL | 4.54 - 4.70      | 4.62 x 10 <sup>12</sup> /L | 4.54 - 4.70      |
|   | <b>HGB</b> | 13.7 g/dL                  | 13.5 - 13.9      | 137 g/L                    | 135 - 139        |
|   | <b>MCV</b> | 86.0 fL                    | 84.0 - 88.0      | 86.0 fL                    | 84.0 - 88.0      |
|   | <b>PLT</b> | 268 x 10 <sup>3</sup> /uL  | 256 - 280        | 268 x 10 <sup>9</sup> /L   | 256 - 280        |
| <b>BC-3600</b><br>CD version lower than 1.8 and/or manufacture date before March of 2015<br><br><b>THIS ANALYZER NOT APPROVED FOR USE IN THE US</b> | <b>WBC</b> | 9.1 x 10 <sup>3</sup> /uL  | 8.9 - 9.3        | 9.1 x 10 <sup>9</sup> /L   | 8.9 - 9.3        |
|   | <b>RBC</b> | 4.69 x 10 <sup>6</sup> /uL | 4.61 - 4.77      | 4.69 x 10 <sup>12</sup> /L | 4.61 - 4.77      |
|   | <b>HGB</b> | 13.6 g/dL                  | 13.4 - 13.8      | 136 g/L                    | 134 - 138        |
|   | <b>MCV</b> | 85.1 fL                    | 83.1 - 87.1      | 85.1 fL                    | 83.1 - 87.1      |
|   | <b>PLT</b> | 268 x 10 <sup>3</sup> /uL  | 256 - 280        | 268 x 10 <sup>9</sup> /L   | 256 - 280        |
| <b>BC-5390</b>  | <b>WBC</b> | 9.30 x 10 <sup>3</sup> /uL | 9.10 - 9.50      | 9.30 x 10 <sup>9</sup> /L  | 9.10 - 9.50      |
|   | <b>RBC</b> | 4.54 x 10 <sup>6</sup> /uL | 4.46 - 4.62      | 4.54 x 10 <sup>12</sup> /L | 4.46 - 4.62      |
|   | <b>HGB</b> | 13.4 g/dL                  | 13.2 - 13.6      | 134 g/L                    | 132 - 136        |
|   | <b>MCV</b> | 84.5 fL                    | 82.5 - 86.5      | 84.5 fL                    | 82.5 - 86.5      |
|   | <b>PLT</b> | 253 x 10 <sup>3</sup> /uL  | 241 - 265        | 253 x 10 <sup>9</sup> /L   | 241 - 265        |

Before using, refer to the instruction sheet for mixing directions.

Shenzhen Mindray Bio-Medical Electronics Co., Ltd.

Mindray Building, Keji 12<sup>th</sup> Road South, High-tech Industrial Park, Nanshan, ShenZhen 518057, P.R.China

Tel: +86 755 26582479 26582888

Fax: +86 755 26582934 26582500

**U. S. Contact:** Mindray North America

**Address:** 800 MacArthur Blvd., Mahwah, NJ 07430-0619, USA

**Toll Free:** +1 (800) 288 2121