

# SC-CAL PLUS

## HEMATOLOGY CALIBRATOR

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| <b>CALIBRATOR</b> |
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|            |                 |
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| <b>LOT</b> | <b>PLUS0522</b> |
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**2022-06-05**

## 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> | <b>9.8 x 10<sup>3</sup>/uL</b>  | <b>9.6 - 10.0</b>  | <b>9.8 x 10<sup>9</sup>/L</b>   | <b>9.6 - 10.0</b>  |
|   | <b>RBC</b> | <b>4.55 x 10<sup>6</sup>/uL</b> | <b>4.47 - 4.63</b> | <b>4.55 x 10<sup>12</sup>/L</b> | <b>4.47 - 4.63</b> |
|   | <b>HGB</b> | <b>13.9 g/dL</b>                | <b>13.7 - 14.1</b> | <b>139 g/L</b>                  | <b>137 - 141</b>   |
|   | <b>MCV</b> | <b>89.0 fL</b>                  | <b>87.0 - 91.0</b> | <b>89.0 fL</b>                  | <b>87.0 - 91.0</b> |
|   | <b>PLT</b> | <b>263 x 10<sup>3</sup>/uL</b>  | <b>251 - 275</b>   | <b>263 x 10<sup>9</sup>/L</b>   | <b>251 - 275</b>   |
| <b>BC-3600</b><br>CD version 1.8(FDA) or greater  | <b>WBC</b> | <b>9.3 x 10<sup>3</sup>/uL</b>  | <b>9.1 - 9.5</b>   | <b>9.3 x 10<sup>9</sup>/L</b>   | <b>9.1 - 9.5</b>   |
|   | <b>RBC</b> | <b>4.53 x 10<sup>6</sup>/uL</b> | <b>4.45 - 4.61</b> | <b>4.53 x 10<sup>12</sup>/L</b> | <b>4.45 - 4.61</b> |
|   | <b>HGB</b> | <b>13.9 g/dL</b>                | <b>13.7 - 14.1</b> | <b>139 g/L</b>                  | <b>137 - 141</b>   |
|   | <b>MCV</b> | <b>89.0 fL</b>                  | <b>87.0 - 91.0</b> | <b>89.0 fL</b>                  | <b>87.0 - 91.0</b> |
|   | <b>PLT</b> | <b>258 x 10<sup>3</sup>/uL</b>  | <b>246 - 270</b>   | <b>258 x 10<sup>9</sup>/L</b>   | <b>246 - 270</b>   |
| <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> | <b>9.6 x 10<sup>3</sup>/uL</b>  | <b>9.4 - 9.8</b>   | <b>9.6 x 10<sup>9</sup>/L</b>   | <b>9.4 - 9.8</b>   |
|   | <b>RBC</b> | <b>4.61 x 10<sup>6</sup>/uL</b> | <b>4.53 - 4.69</b> | <b>4.61 x 10<sup>12</sup>/L</b> | <b>4.53 - 4.69</b> |
|   | <b>HGB</b> | <b>13.9 g/dL</b>                | <b>13.7 - 14.1</b> | <b>139 g/L</b>                  | <b>137 - 141</b>   |
|   | <b>MCV</b> | <b>88.5 fL</b>                  | <b>86.5 - 90.5</b> | <b>88.5 fL</b>                  | <b>86.5 - 90.5</b> |
|   | <b>PLT</b> | <b>267 x 10<sup>3</sup>/uL</b>  | <b>255 - 279</b>   | <b>267 x 10<sup>9</sup>/L</b>   | <b>255 - 279</b>   |
| <b>BC-5390</b>  | <b>WBC</b> | <b>9.60 x 10<sup>3</sup>/uL</b> | <b>9.40 - 9.80</b> | <b>9.60 x 10<sup>9</sup>/L</b>  | <b>9.40 - 9.80</b> |
|   | <b>RBC</b> | <b>4.46 x 10<sup>6</sup>/uL</b> | <b>4.38 - 4.54</b> | <b>4.46 x 10<sup>12</sup>/L</b> | <b>4.38 - 4.54</b> |
|   | <b>HGB</b> | <b>13.7 g/dL</b>                | <b>13.5 - 13.9</b> | <b>137 g/L</b>                  | <b>135 - 139</b>   |
|   | <b>MCV</b> | <b>88.5 fL</b>                  | <b>86.5 - 90.5</b> | <b>88.5 fL</b>                  | <b>86.5 - 90.5</b> |
|   | <b>PLT</b> | <b>263 x 10<sup>3</sup>/uL</b>  | <b>251 - 275</b>   | <b>263 x 10<sup>9</sup>/L</b>   | <b>251 - 275</b>   |

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