

# SC-CAL PLUS

## HEMATOLOGY CALIBRATOR

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| <b>CALIBRATOR</b> |
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| <b>LOT</b> | <b>PLUS0524</b> |
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| <b>2024-06-05</b> |
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## 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> | 9.8 x 10 <sup>3</sup> /uL  | 9.6 - 10.0       | 9.8 x 10 <sup>9</sup> /L   | 9.6 - 10.0       |
|   | <b>RBC</b> | 4.58 x 10 <sup>6</sup> /uL | 4.50 - 4.66      | 4.58 x 10 <sup>12</sup> /L | 4.50 - 4.66      |
|   | <b>HGB</b> | 13.5 g/dL                  | 13.3 - 13.7      | 135 g/L                    | 133 - 137        |
|   | <b>MCV</b> | 87.4 fL                    | 85.4 - 89.4      | 87.4 fL                    | 85.4 - 89.4      |
|   | <b>PLT</b> | 247 x 10 <sup>3</sup> /uL  | 235 - 259        | 247 x 10 <sup>9</sup> /L   | 235 - 259        |
| <b>BC-3600</b><br>CD version 1.8(FDA) or greater  | <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> | 4.53 x 10 <sup>6</sup> /uL | 4.45 - 4.61      | 4.53 x 10 <sup>12</sup> /L | 4.45 - 4.61      |
|   | <b>HGB</b> | 13.6 g/dL                  | 13.4 - 13.8      | 136 g/L                    | 134 - 138        |
|   | <b>MCV</b> | 87.5 fL                    | 85.5 - 89.5      | 87.5 fL                    | 85.5 - 89.5      |
|   | <b>PLT</b> | 250 x 10 <sup>3</sup> /uL  | 238 - 262        | 250 x 10 <sup>9</sup> /L   | 238 - 262        |
| <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> | 9.3 x 10 <sup>3</sup> /uL  | 9.1 - 9.5        | 9.3 x 10 <sup>9</sup> /L   | 9.1 - 9.5        |
|   | <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> | 13.4 g/dL                  | 13.2 - 13.6      | 134 g/L                    | 132 - 136        |
|   | <b>MCV</b> | 85.7 fL                    | 83.7 - 87.7      | 85.7 fL                    | 83.7 - 87.7      |
|   | <b>PLT</b> | 249 x 10 <sup>3</sup> /uL  | 237 - 261        | 249 x 10 <sup>9</sup> /L   | 237 - 261        |
| <b>BC-5390</b>  | <b>WBC</b> | 9.40 x 10 <sup>3</sup> /uL | 9.20 - 9.60      | 9.40 x 10 <sup>9</sup> /L  | 9.20 - 9.60      |
|   | <b>RBC</b> | 4.49 x 10 <sup>6</sup> /uL | 4.41 - 4.57      | 4.49 x 10 <sup>12</sup> /L | 4.41 - 4.57      |
|   | <b>HGB</b> | 13.3 g/dL                  | 13.1 - 13.5      | 133 g/L                    | 131 - 135        |
|   | <b>MCV</b> | 85.0 fL                    | 83.0 - 87.0      | 85.0 fL                    | 83.0 - 87.0      |
|   | <b>PLT</b> | 249 x 10 <sup>3</sup> /uL  | 237 - 261        | 249 x 10 <sup>9</sup> /L   | 237 - 261        |

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

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