

# SC-CAL PLUS

## HEMATOLOGY CALIBRATOR

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| <b>CALIBRATOR</b> |
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| <b>LOT</b> | <b>PLUS0223</b> |
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| <b>2023-03-05</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> | 9.7 x 10 <sup>3</sup> /uL  | 9.5 - 9.9        | 9.7 x 10 <sup>9</sup> /L   | 9.5 - 9.9        |
|   | <b>RBC</b> | 4.64 x 10 <sup>6</sup> /uL | 4.56 - 4.72      | 4.64 x 10 <sup>12</sup> /L | 4.56 - 4.72      |
|   | <b>HGB</b> | 13.6 g/dL                  | 13.4 - 13.8      | 136 g/L                    | 134 - 138        |
|   | <b>MCV</b> | 86.7 fL                    | 84.7 - 88.7      | 86.7 fL                    | 84.7 - 88.7      |
|   | <b>PLT</b> | 262 x 10 <sup>3</sup> /uL  | 250 - 274        | 262 x 10 <sup>9</sup> /L   | 250 - 274        |
| <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> | 4.54 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> | 13.6 g/dL                  | 13.4 - 13.8      | 136 g/L                    | 134 - 138        |
|   | <b>MCV</b> | 86.0 fL                    | 84.0 - 88.0      | 86.0 fL                    | 84.0 - 88.0      |
|   | <b>PLT</b> | 265 x 10 <sup>3</sup> /uL  | 253 - 277        | 265 x 10 <sup>9</sup> /L   | 253 - 277        |
| <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> | 9.2 x 10 <sup>3</sup> /uL  | 9.0 - 9.4        | 9.2 x 10 <sup>9</sup> /L   | 9.0 - 9.4        |
|   | <b>RBC</b> | 4.61 x 10 <sup>6</sup> /uL | 4.53 - 4.69      | 4.61 x 10 <sup>12</sup> /L | 4.53 - 4.69      |
|   | <b>HGB</b> | 13.5 g/dL                  | 13.3 - 13.7      | 135 g/L                    | 133 - 137        |
|   | <b>MCV</b> | 85.2 fL                    | 83.2 - 87.2      | 85.2 fL                    | 83.2 - 87.2      |
|   | <b>PLT</b> | 270 x 10 <sup>3</sup> /uL  | 258 - 282        | 270 x 10 <sup>9</sup> /L   | 258 - 282        |
| <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> | 4.59 x 10 <sup>6</sup> /uL | 4.51 - 4.67      | 4.59 x 10 <sup>12</sup> /L | 4.51 - 4.67      |
|   | <b>HGB</b> | 13.3 g/dL                  | 13.1 - 13.5      | 133 g/L                    | 131 - 135        |
|   | <b>MCV</b> | 83.5 fL                    | 81.5 - 85.5      | 83.5 fL                    | 81.5 - 85.5      |
|   | <b>PLT</b> | 262 x 10 <sup>3</sup> /uL  | 250 - 274        | 262 x 10 <sup>9</sup> /L   | 250 - 274        |

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

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