

# SC-CAL PLUS

## HEMATOLOGY CALIBRATOR

**CALIBRATOR**

**LOT** PLUS0120

**2020-02-05**

## 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> | 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> | 4.65 x 10 <sup>6</sup> /uL | 4.57 - 4.73      | 4.65 x 10 <sup>12</sup> /L | 4.57 - 4.73      |
|  | <b>HGB</b> | 14.1 g/dL                  | 13.9 - 14.3      | 141 g/L                    | 139 - 143        |
|  | <b>MCV</b> | 90.5 fL                    | 88.5 - 92.5      | 90.5 fL                    | 88.5 - 92.5      |
|  | <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 1.8(FDA) or greater   | <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> | 4.66 x 10 <sup>6</sup> /uL | 4.58 - 4.74      | 4.66 x 10 <sup>12</sup> /L | 4.58 - 4.74      |
|  | <b>HGB</b> | 14.3 g/dL                  | 14.1 - 14.5      | 143 g/L                    | 141 - 145        |
|  | <b>MCV</b> | 89.0 fL                    | 87.0 - 91.0      | 89.0 fL                    | 87.0 - 91.0      |
|  | <b>PLT</b> | 255 x 10 <sup>3</sup> /uL  | 243 - 267        | 255 x 10 <sup>9</sup> /L   | 243 - 267        |
| <b>BC-3600</b><br>CD version lower than 1.8 and/or manufacture date before March of 2015<br><div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;">THIS ANALYZER<br/>NOT APPROVED<br/>FOR USE IN THE US</div> | <b>WBC</b> | 9.4 x 10 <sup>3</sup> /uL  | 9.2 - 9.6        | 9.4 x 10 <sup>9</sup> /L   | 9.2 - 9.6        |
|  | <b>RBC</b> | 4.80 x 10 <sup>6</sup> /uL | 4.72 - 4.88      | 4.80 x 10 <sup>12</sup> /L | 4.72 - 4.88      |
|  | <b>HGB</b> | 14.3 g/dL                  | 14.1 - 14.5      | 143 g/L                    | 141 - 145        |
|  | <b>MCV</b> | 89.0 fL                    | 87.0 - 91.0      | 89.0 fL                    | 87.0 - 91.0      |
|  | <b>PLT</b> | 266 x 10 <sup>3</sup> /uL  | 254 - 278        | 266 x 10 <sup>9</sup> /L   | 254 - 278        |
| <b>BC-5390</b>   | <b>WBC</b> | 9.60 x 10 <sup>3</sup> /uL | 9.40 - 9.80      | 9.60 x 10 <sup>9</sup> /L  | 9.40 - 9.80      |
|  | <b>RBC</b> | 4.60 x 10 <sup>6</sup> /uL | 4.52 - 4.68      | 4.60 x 10 <sup>12</sup> /L | 4.52 - 4.68      |
|  | <b>HGB</b> | 13.8 g/dL                  | 13.6 - 14.0      | 138 g/L                    | 136 - 140        |
|  | <b>MCV</b> | 87.0 fL                    | 85.0 - 89.0      | 87.0 fL                    | 85.0 - 89.0      |
|  | <b>PLT</b> | 257 x 10 <sup>3</sup> /uL  | 245 - 269        | 257 x 10 <sup>9</sup> /L   | 245 - 269        |

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

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