

## Value sheet of Mindray BS Measurement System

Русский: Таблица результатов для системы BS компании Mindray  
 Português: Planilha de valores do Sistema de Medição BS da Mindray  
 Español: Hoja de valores del sistema de medición Mindray BS  
 Italiano: Scheda dei valori del sistema di misurazione BS di Mindray  
 Türkçe: Mindray BS Ölçüm Sistemi'nin değer sayfası



The data of each group is same.

Português: A dados de cada grupo é a mesma.

Italiano: la dati di ogni gruppo è la stessa.

1.BS-200: BS-200, BS-220, BS-330, BS-350;

2.BS-200E: BS-200E, BS-220E,;

3.BS-240: BS-230, BS-240;

4.BS-240E: BS240E, BS240Pro;

5.BS-300: BS-300, BS-320;

6.BS-330E:BS-330E(Serial Number starts with "XQ-"), BS-350E(Serial Number starts with "XS-")

7.BS-360E: BS-360E, BS-370E, BS-350S, BS-360S, BS-

330E(V35.00)(Serial Number starts with "W8-" and software version starts with "35.00"), BS-350E(V35.00) (Serial Number starts with"W9-" and software version starts with "35.00");

8.BS-380: BS-380, BS-390;

9.BS-400: BS-400, BS-420;

Русский: Данные совпадают во всех группах.

Español: la datos de cada grupo es la misma.

Türkçe: her grubun veri aynıdır.

10.BS-430: BS-430, BS-450,BS-460;

11.BS-480: BS-480, BS-490;

12.BS-600: BS-600, BS-620;

13.BS-600M: BS-600M, BS-620M;

14.BS-800: BS-800, BS-820, BS-800M, BS-820M, BS-1800, BS-1800plus;

15.BS-2000: BS-2000, BS-2200, BS-2000M, BS-2200M;

16.BS-2800M:BS-2600M, BS-2800M;

17.For applicable analyzers of the analyte, please subject to the parameter sheet and instrument.

18.IFCC: HbA1c(mmol/mol)= HbA1c(μmol/L) / Hb(μmol/L)× 1000

NGSP/DCCT: HbA1c(%)=91.5×HbA1c(μmol/L) / Hb(μmol/L)+ 2.15

LOT: 052424002

EXP: 2025-08-02

| English   | Abbreviated name             | Model   | Unit    | Assay Value        | Range (Assay Value±3SD)                    |
|-----------|------------------------------|---------|---------|--------------------|--|
| Русский   | сокращенное наименование     | модель  | Прибор  | Результат анализа  | Диапазон(результат анализа ± 3CO)          |
| Português | Nome abreviado               | Modelo  | Unidade | Valores da análise | Faixa(Valores da análise ±3SD)             |
| Español   | nombre abreviado             | modelo  | Unidad  | Valor de ensayo    | Rango(Valor de ensayo ±3SD)                |
| Italiano  | abbreviazione                | modelli | Unità   | Valori di dosaggio | Intervallo (valore di concentrazione±3 DS) |
| Türkçe    | kısaltılmış ad               | model   | Ünite   | Tayin Değeri       | Aralık (Tayin Değeri±3SD)                  |
| HbA1c/Hb  |                              |         |         |                    |  |
| English   | Hemoglobin A1c/ Hemoglobin   |         |         |                    |  |
| Русский   | гемоглобин A1c / гемоглобин  |         |         |                    |  |
| Português | Hemoglobina A1c /Hemoglobina |         |         |                    |  |
| Español   | hemoglobina A1c /hemoglobina |         |         |                    |  |
| Italiano  | Emoglobina A1c/Emoglobina    |         |         |                    |  |
| Türkçe    | Hemoglobin A1c / Hemoglobin  |         |         |                    |  |

| Abbreviated name | Unit   | Model                | Assay Value | Range(Assay Value±3SD) | 1 SD | Model                  | Assay Value | Range(Assay Value±3SD) | 1 SD |
|------------------|--------|----------------------|-------------|------------------------|------|------------------------|-------------|------------------------|------|
| Hb               | μmol/L | BS-200 <sup>1</sup>  | 126         | 114 — 138              | 4    | BS-400 <sup>9</sup>    | 125         | 113 — 137              | 4    |
|                  |        | BS-200E <sup>2</sup> | 125         | 113 — 137              | 4    | BS-430 <sup>10</sup>   | 127         | 115 — 139              | 4    |
|                  |        | BS-240 <sup>3</sup>  | 127         | 115 — 139              | 4    | BS-480 <sup>11</sup>   | 127         | 115 — 139              | 4    |
|                  |        | BS-240E <sup>4</sup> | 127         | 115 — 139              | 4    | BS-600 <sup>12</sup>   | 127         | 115 — 139              | 4    |
|                  |        | BS-300 <sup>5</sup>  | 125         | 113 — 137              | 4    | BS-600M <sup>13</sup>  | 125         | 113 — 137              | 4    |
|                  |        | BS-330E <sup>6</sup> | 125         | 113 — 137              | 4    | BS-800 <sup>14</sup>   | 127         | 115 — 139              | 4    |
|                  |        | BS-360E <sup>7</sup> | 127         | 115 — 139              | 4    | BS-2000 <sup>15</sup>  | 126         | 114 — 138              | 4    |
|                  |        | BS-380 <sup>8</sup>  | 125         | 113 — 137              | 4    | BS-2800M <sup>16</sup> | 125         | 113 — 137              | 4    |
| HbA1c            | μmol/L | BS-200 <sup>1</sup>  | 4.45        | 4.00 — 4.90            | 0.15 | BS-400 <sup>9</sup>    | 4.27        | 3.85 — 4.69            | 0.14 |
|                  |        | BS-200E <sup>2</sup> | 4.30        | 3.88 — 4.72            | 0.14 | BS-430 <sup>10</sup>   | 4.45        | 4.00 — 4.90            | 0.15 |
|                  |        | BS-240 <sup>3</sup>  | 4.45        | 4.00 — 4.90            | 0.15 | BS-480 <sup>11</sup>   | 4.45        | 4.00 — 4.90            | 0.15 |
|                  |        | BS-240E <sup>4</sup> | 4.45        | 4.00 — 4.90            | 0.15 | BS-600 <sup>12</sup>   | 4.45        | 4.00 — 4.90            | 0.15 |
|                  |        | BS-300 <sup>5</sup>  | 4.32        | 3.90 — 4.74            | 0.14 | BS-600M <sup>13</sup>  | 4.46        | 4.01 — 4.91            | 0.15 |

# HbA1c Control N



| Abbreviated name                    | Unit     | Model                      | Assay Value | Range(Assay Value $\pm$ 3SD) |   | 1 SD | Model | Assay Value                  | Range(Assay Value $\pm$ 3SD) |      | 1 SD |      |      |
|-------------------------------------|----------|----------------------------|-------------|------------------------------|---|------|-------|------------------------------|------------------------------|------|------|------|------|
|                                     |          | <b>BS-330E<sup>6</sup></b> | 4.30        | 3.88                         | — | 4.72 | 0.14  | <b>BS-800<sup>14</sup></b>   | 4.45                         | 4.00 | —    | 4.90 | 0.15 |
|                                     |          | <b>BS-360E<sup>7</sup></b> | 4.45        | 4.00                         | — | 4.90 | 0.15  | <b>BS-2000<sup>15</sup></b>  | 4.40                         | 3.95 | —    | 4.85 | 0.15 |
|                                     |          | <b>BS-380<sup>8</sup></b>  | 4.30        | 3.88                         | — | 4.72 | 0.14  | <b>BS-2800M<sup>16</sup></b> | 4.41                         | 3.96 | —    | 4.86 | 0.15 |
| <b>HbA1c(mmol/mol)<sup>18</sup></b> | mmol/mol | <b>BS-200<sup>1</sup></b>  | 35.2        | 31.6                         | — | 38.8 | 1.2   | <b>BS-400<sup>9</sup></b>    | 34.1                         | 30.8 | —    | 37.4 | 1.1  |
|                                     |          | <b>BS-200E<sup>2</sup></b> | 34.5        | 31.2                         | — | 37.8 | 1.1   | <b>BS-430<sup>10</sup></b>   | 35.1                         | 31.5 | —    | 38.7 | 1.2  |
|                                     |          | <b>BS-240<sup>3</sup></b>  | 35.1        | 31.5                         | — | 38.7 | 1.2   | <b>BS-480<sup>11</sup></b>   | 35.1                         | 31.5 | —    | 38.7 | 1.2  |
|                                     |          | <b>BS-240E<sup>4</sup></b> | 35.1        | 31.5                         | — | 38.7 | 1.2   | <b>BS-600<sup>12</sup></b>   | 35.1                         | 31.5 | —    | 38.7 | 1.2  |
|                                     |          | <b>BS-300<sup>5</sup></b>  | 34.5        | 31.2                         | — | 37.8 | 1.1   | <b>BS-600M<sup>13</sup></b>  | 35.6                         | 32.0 | —    | 39.2 | 1.2  |
|                                     |          | <b>BS-330E<sup>6</sup></b> | 34.5        | 31.2                         | — | 37.8 | 1.1   | <b>BS-800<sup>14</sup></b>   | 35.1                         | 31.5 | —    | 38.7 | 1.2  |
|                                     |          | <b>BS-360E<sup>7</sup></b> | 35.1        | 31.5                         | — | 38.7 | 1.2   | <b>BS-2000<sup>15</sup></b>  | 34.9                         | 31.3 | —    | 38.5 | 1.2  |
|                                     |          | <b>BS-380<sup>8</sup></b>  | 34.5        | 31.2                         | — | 37.8 | 1.1   | <b>BS-2800M<sup>16</sup></b> | 35.1                         | 31.5 | —    | 38.7 | 1.2  |
| <b>HbA1c(%)<sup>18</sup></b>        | %        | <b>BS-200<sup>1</sup></b>  | 5.37        | 4.83                         | — | 5.91 | 0.18  | <b>BS-400<sup>9</sup></b>    | 5.27                         | 4.76 | —    | 5.78 | 0.17 |
|                                     |          | <b>BS-200E<sup>2</sup></b> | 5.30        | 4.79                         | — | 5.81 | 0.17  | <b>BS-430<sup>10</sup></b>   | 5.37                         | 4.83 | —    | 5.91 | 0.18 |
|                                     |          | <b>BS-240<sup>3</sup></b>  | 5.37        | 4.83                         | — | 5.91 | 0.18  | <b>BS-480<sup>11</sup></b>   | 5.37                         | 4.83 | —    | 5.91 | 0.18 |
|                                     |          | <b>BS-240E<sup>4</sup></b> | 5.37        | 4.83                         | — | 5.91 | 0.18  | <b>BS-600<sup>12</sup></b>   | 5.37                         | 4.83 | —    | 5.91 | 0.18 |
|                                     |          | <b>BS-300<sup>5</sup></b>  | 5.31        | 4.77                         | — | 5.85 | 0.18  | <b>BS-600M<sup>13</sup></b>  | 5.41                         | 4.87 | —    | 5.95 | 0.18 |
|                                     |          | <b>BS-330E<sup>6</sup></b> | 5.30        | 4.79                         | — | 5.81 | 0.17  | <b>BS-800<sup>14</sup></b>   | 5.37                         | 4.83 | —    | 5.91 | 0.18 |
|                                     |          | <b>BS-360E<sup>7</sup></b> | 5.37        | 4.83                         | — | 5.91 | 0.18  | <b>BS-2000<sup>15</sup></b>  | 5.34                         | 4.80 | —    | 5.88 | 0.18 |
|                                     |          | <b>BS-380<sup>8</sup></b>  | 5.30        | 4.79                         | — | 5.81 | 0.17  | <b>BS-2800M<sup>16</sup></b> | 5.37                         | 4.83 | —    | 5.91 | 0.18 |

# mindray

## HbA1c Control N

For use on: BS-2000, BS-2800M,  
BS-600M, BS-800

**LOT** 052424002

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