

## 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.

Русский: Данные совпадают во всех группах.

Português: A dados de cada grupo é a mesma.

Español: la datos de cada grupo es la misma.

Italiano: la dati di ogni gruppo è la stessa.

Türkçe: her grubun veri aynıdır.

- |                                                                                                                                                                                                                                                           |                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| 1. <b>BS-200:</b> BS-200, BS-220;                                                                                                                                                                                                                         | 8. <b>BS-380:</b> BS-380, BS-390;                                             |
| 2. <b>BS-200E:</b> BS-200E, BS-220E;                                                                                                                                                                                                                      | 9. <b>BS-400:</b> BS-400, BS-420;                                             |
| 3. <b>BS-230:</b> BS-230, BS-240;                                                                                                                                                                                                                         | 10. <b>BS-430:</b> BS-430, BS-450, BS-460;                                    |
| 4. <b>BS-240E:</b> BS-240E, BS-240Pro;                                                                                                                                                                                                                    | 11. <b>BS-480:</b> BS-480, BS-490;                                            |
| 5. <b>BS-300:</b> BS-300, BS-320;                                                                                                                                                                                                                         | 12. <b>BS-600:</b> BS-600, BS-620;                                            |
| 6. <b>BS-330E:</b> BS-330E(Serial Number starts with "XQ-"),<br>BS-350E(Serial Number starts with "XS-");                                                                                                                                                 | 13. <b>BS-600M:</b> BS-600M, BS-620M;                                         |
| 7. <b>BS-360E:</b> BS-360E, BS-370E, BS-350S, BS-360S,<br>BS-330E(V35.00)(Serial Number starts with "W8-" and<br>software version starts with "35.00"), BS-350E(V35.00)<br>(Serial Number starts with "W9-" and software version<br>starts with "35.00"); | 14. <b>BS-800:</b> BS-800, BS-820, BS-800M, BS-820M, BS-1800,<br>BS-1800plus; |
|                                                                                                                                                                                                                                                           | 15. <b>BS-2000:</b> BS-2000, BS-2200, BS-2000M, BS-2200M;                     |
|                                                                                                                                                                                                                                                           | 16. <b>BS-2800M:</b> BS-2600M, BS-2800M.                                      |

17. IFCC:  $HbA1c(\%) = HbA1c(\mu mol/L) / Hb(\mu mol/L) \times 100$   
 NGSP/DCCT:  $HbA1c(\%) = 91.5 \times HbA1c(\mu mol/L) / Hb(\mu mol/L) + 2.15$   
 JCLLS:  $HbA1c(\%) = 96.3 \times HbA1c(\mu mol/L) / Hb(\mu mol/L) + 1.62$

**LOT**: 044623008

: 2024-11-12

| Abbreviated name | Model                | Unit   | Assay Value | Range(Assay Value±3SD) |   | 1 SD | Model | Unit                   | Assay Value | Range(Assay Value±3SD) |      | 1 SD |      |     |
|------------------|----------------------|--------|-------------|------------------------|---|------|-------|------------------------|-------------|------------------------|------|------|------|-----|
| HbA1c            | BS-200 <sup>1</sup>  | μmol/L | 11.5        | 10.4                   | — | 12.6 | 0.4   | BS-400 <sup>9</sup>    | μmol/L      | 11.4                   | 10.3 | —    | 12.5 | 0.4 |
|                  | BS-200E <sup>2</sup> | μmol/L | 11.6        | 10.5                   | — | 12.7 | 0.4   | BS-430 <sup>10</sup>   | μmol/L      | 11.4                   | 10.3 | —    | 12.5 | 0.4 |
|                  | BS-230 <sup>3</sup>  | μmol/L | 11.4        | 10.3                   | — | 12.5 | 0.4   | BS-480 <sup>11</sup>   | μmol/L      | 11.4                   | 10.3 | —    | 12.5 | 0.4 |
|                  | BS-240E <sup>4</sup> | μmol/L | 11.4        | 10.3                   | — | 12.5 | 0.4   | BS-600 <sup>12</sup>   | μmol/L      | 11.4                   | 10.3 | —    | 12.5 | 0.4 |
|                  | BS-300 <sup>5</sup>  | μmol/L | 11.4        | 10.3                   | — | 12.5 | 0.4   | BS-600M <sup>13</sup>  | μmol/L      | 11.4                   | 10.3 | —    | 12.5 | 0.4 |
|                  | BS-330E <sup>6</sup> | μmol/L | 11.6        | 10.5                   | — | 12.7 | 0.4   | BS-800 <sup>14</sup>   | μmol/L      | 11.4                   | 10.3 | —    | 12.5 | 0.4 |
|                  | BS-360E <sup>7</sup> | μmol/L | 11.4        | 10.3                   | — | 12.5 | 0.4   | BS-2000 <sup>15</sup>  | μmol/L      | 11.5                   | 10.4 | —    | 12.6 | 0.4 |
|                  | BS-380 <sup>8</sup>  | μmol/L | 11.6        | 10.5                   | — | 12.7 | 0.4   | BS-2800M <sup>16</sup> | μmol/L      | 11.5                   | 10.4 | —    | 12.6 | 0.4 |
| Hb               | BS-200 <sup>1</sup>  | μmol/L | 130         | 117                    | — | 143  | 4     | BS-400 <sup>9</sup>    | μmol/L      | 128                    | 115  | —    | 141  | 4   |
|                  | BS-200E <sup>2</sup> | μmol/L | 130         | 117                    | — | 143  | 4     | BS-430 <sup>10</sup>   | μmol/L      | 129                    | 116  | —    | 142  | 4   |
|                  | BS-230 <sup>3</sup>  | μmol/L | 129         | 116                    | — | 142  | 4     | BS-480 <sup>11</sup>   | μmol/L      | 129                    | 116  | —    | 142  | 4   |
|                  | BS-240E <sup>4</sup> | μmol/L | 129         | 116                    | — | 142  | 4     | BS-600 <sup>12</sup>   | μmol/L      | 129                    | 116  | —    | 142  | 4   |
|                  | BS-300 <sup>5</sup>  | μmol/L | 129         | 116                    | — | 142  | 4     | BS-600M <sup>13</sup>  | μmol/L      | 129                    | 116  | —    | 142  | 4   |
|                  | BS-330E <sup>6</sup> | μmol/L | 130         | 117                    | — | 143  | 4     | BS-800 <sup>14</sup>   | μmol/L      | 129                    | 116  | —    | 142  | 4   |
|                  | BS-360E <sup>7</sup> | μmol/L | 129         | 116                    | — | 142  | 4     | BS-2000 <sup>15</sup>  | μmol/L      | 130                    | 117  | —    | 143  | 4   |
|                  | BS-380 <sup>8</sup>  | μmol/L | 130         | 117                    | — | 143  | 4     | BS-2800M <sup>16</sup> | μmol/L      | 129                    | 116  | —    | 142  | 4   |

# HbA1c Control P



| Abbreviated name        | Model       | Unit                 | Assay Value | Range(Assay Value±3SD) |             | 1 SD | Model                  | Unit | Assay Value | Range(Assay Value±3SD) |      | 1 SD |
|-------------------------|-------------|----------------------|-------------|------------------------|-------------|------|------------------------|------|-------------|------------------------|------|------|
| HbA1c (%) <sup>17</sup> | IFCC        | BS-200 <sup>1</sup>  | %           | 8.82                   | 7.95 — 9.69 | 0.29 | BS-400 <sup>9</sup>    | %    | 8.90        | 8.02 — 9.78            | 0.29 |      |
|                         |             | BS-200E <sup>2</sup> | %           | 8.97                   | 8.08 — 9.86 | 0.30 | BS-430 <sup>10</sup>   | %    | 8.89        | 8.01 — 9.77            | 0.29 |      |
|                         |             | BS-230 <sup>3</sup>  | %           | 8.89                   | 8.01 — 9.77 | 0.29 | BS-480 <sup>11</sup>   | %    | 8.89        | 8.01 — 9.77            | 0.29 |      |
|                         |             | BS-240E <sup>4</sup> | %           | 8.89                   | 8.01 — 9.77 | 0.29 | BS-600 <sup>12</sup>   | %    | 8.89        | 8.01 — 9.77            | 0.29 |      |
|                         |             | BS-300 <sup>5</sup>  | %           | 8.84                   | 7.96 — 9.72 | 0.29 | BS-600M <sup>13</sup>  | %    | 8.86        | 7.98 — 9.74            | 0.29 |      |
|                         |             | BS-330E <sup>6</sup> | %           | 8.97                   | 8.08 — 9.86 | 0.30 | BS-800 <sup>14</sup>   | %    | 8.89        | 8.01 — 9.77            | 0.29 |      |
|                         |             | BS-360E <sup>7</sup> | %           | 8.89                   | 8.01 — 9.77 | 0.29 | BS-2000 <sup>15</sup>  | %    | 8.85        | 7.97 — 9.73            | 0.29 |      |
|                         |             | BS-380 <sup>8</sup>  | %           | 8.97                   | 8.08 — 9.86 | 0.30 | BS-2800M <sup>16</sup> | %    | 8.93        | 8.05 — 9.81            | 0.29 |      |
| HbA1c (%) <sup>17</sup> | NGSP / DCCT | BS-200 <sup>1</sup>  | %           | 10.2                   | 9.2 — 11.2  | 0.3  | BS-400 <sup>9</sup>    | %    | 10.3        | 9.3 — 11.3             | 0.3  |      |
|                         |             | BS-200E <sup>2</sup> | %           | 10.4                   | 9.4 — 11.4  | 0.3  | BS-430 <sup>10</sup>   | %    | 10.3        | 9.3 — 11.3             | 0.3  |      |
|                         |             | BS-230 <sup>3</sup>  | %           | 10.3                   | 9.3 — 11.3  | 0.3  | BS-480 <sup>11</sup>   | %    | 10.3        | 9.3 — 11.3             | 0.3  |      |
|                         |             | BS-240E <sup>4</sup> | %           | 10.3                   | 9.3 — 11.3  | 0.3  | BS-600 <sup>12</sup>   | %    | 10.3        | 9.3 — 11.3             | 0.3  |      |
|                         |             | BS-300 <sup>5</sup>  | %           | 10.2                   | 9.2 — 11.2  | 0.3  | BS-600M <sup>13</sup>  | %    | 10.3        | 9.3 — 11.3             | 0.3  |      |
|                         |             | BS-330E <sup>6</sup> | %           | 10.4                   | 9.4 — 11.4  | 0.3  | BS-800 <sup>14</sup>   | %    | 10.3        | 9.3 — 11.3             | 0.3  |      |
|                         |             | BS-360E <sup>7</sup> | %           | 10.3                   | 9.3 — 11.3  | 0.3  | BS-2000 <sup>15</sup>  | %    | 10.2        | 9.2 — 11.2             | 0.3  |      |
|                         |             | BS-380 <sup>8</sup>  | %           | 10.4                   | 9.4 — 11.4  | 0.3  | BS-2800M <sup>16</sup> | %    | 10.3        | 9.3 — 11.3             | 0.3  |      |
| HbA1c (%) <sup>17</sup> | JCCLS       | BS-200 <sup>1</sup>  | %           | 10.1                   | 9.1 — 11.1  | 0.3  | BS-400 <sup>9</sup>    | %    | 10.2        | 9.2 — 11.2             | 0.3  |      |
|                         |             | BS-200E <sup>2</sup> | %           | 10.3                   | 9.3 — 11.3  | 0.3  | BS-430 <sup>10</sup>   | %    | 10.2        | 9.2 — 11.2             | 0.3  |      |
|                         |             | BS-230 <sup>3</sup>  | %           | 10.2                   | 9.2 — 11.2  | 0.3  | BS-480 <sup>11</sup>   | %    | 10.2        | 9.2 — 11.2             | 0.3  |      |
|                         |             | BS-240E <sup>4</sup> | %           | 10.2                   | 9.2 — 11.2  | 0.3  | BS-600 <sup>12</sup>   | %    | 10.2        | 9.2 — 11.2             | 0.3  |      |
|                         |             | BS-300 <sup>5</sup>  | %           | 10.1                   | 9.1 — 11.1  | 0.3  | BS-600M <sup>13</sup>  | %    | 10.2        | 9.2 — 11.2             | 0.3  |      |
|                         |             | BS-330E <sup>6</sup> | %           | 10.3                   | 9.3 — 11.3  | 0.3  | BS-800 <sup>14</sup>   | %    | 10.2        | 9.2 — 11.2             | 0.3  |      |
|                         |             | BS-360E <sup>7</sup> | %           | 10.2                   | 9.2 — 11.2  | 0.3  | BS-2000 <sup>15</sup>  | %    | 10.1        | 9.1 — 11.1             | 0.3  |      |
|                         |             | BS-380 <sup>8</sup>  | %           | 10.3                   | 9.3 — 11.3  | 0.3  | BS-2800M <sup>16</sup> | %    | 10.2        | 9.2 — 11.2             | 0.3  |      |

| 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 diconcentrazione ±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  |