

## 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. **BS-200**: BS-200, BS-220;

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

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

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

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

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

4. **BS-240E**: BS-240E, BS-240Pro;

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

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

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

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

13. **BS-800**: BS-800, BS-820, BS-800M, BS-820M, BS-1800,  
BS-1800plus;

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");

14. **BS-2000**: BS-2000, BS-2200, BS-2000M, BS-2200M;

15. **BS-2800M**: BS-2600M, BS-2800M.

16. IFCC:  $HbA1c(\%) = HbA1c(\mu mol/L) / Hb(\mu mol/L) \times 100$

NGSP/DCCT:  $HbA1c(\%) = 91.5 \times HbA1c(\mu mol/L) / Hb(\mu mol/L) + 2.15$

JCCLS:  $HbA1c(\%) = 96.3 \times HbA1c(\mu mol/L) / Hb(\mu mol/L) + 1.62$

LOT: 052422001

: 2023-08-15

Abbreviated name	Model	Unit	Assay Value	Range(Assay Value $\pm$ 3SD)	1 SD	Model	Unit	Assay Value	Range(Assay Value $\pm$ 3SD)	1 SD
HbA1c	<b>BS-200</b> <sup>1</sup>	$\mu mol/L$	4.78	4.31 – 5.25	0.16	<b>BS-400</b> <sup>9</sup>	$\mu mol/L$	4.79	4.32 – 5.26	0.16
	<b>BS-200E</b> <sup>2</sup>	$\mu mol/L$	4.74	4.27 – 5.21	0.16	<b>BS-430</b> <sup>10</sup>	$\mu mol/L$	4.80	4.32 – 5.28	0.16
	<b>BS-230</b> <sup>3</sup>	$\mu mol/L$	4.80	4.32 – 5.28	0.16	<b>BS-480</b> <sup>11</sup>	$\mu mol/L$	4.80	4.32 – 5.28	0.16
	<b>BS-240E</b> <sup>4</sup>	$\mu mol/L$	4.80	4.32 – 5.28	0.16	<b>BS-600</b> <sup>12</sup>	$\mu mol/L$	4.80	4.32 – 5.28	0.16
	<b>BS-300</b> <sup>5</sup>	$\mu mol/L$	4.79	4.32 – 5.26	0.16	<b>BS-800</b> <sup>13</sup>	$\mu mol/L$	4.80	4.32 – 5.28	0.16
	<b>BS-330E</b> <sup>6</sup>	$\mu mol/L$	4.74	4.27 – 5.21	0.16	<b>BS-2000</b> <sup>14</sup>	$\mu mol/L$	4.82	4.34 – 5.30	0.16
	<b>BS-360E</b> <sup>7</sup>	$\mu mol/L$	4.80	4.32 – 5.28	0.16	<b>BS-2800M</b> <sup>15</sup>	$\mu mol/L$	4.82	4.34 – 5.30	0.16
	<b>BS-380</b> <sup>8</sup>	$\mu mol/L$	4.74	4.27 – 5.21	0.16					
Hb	<b>BS-200</b> <sup>1</sup>	$\mu mol/L$	121	109 – 133	4	<b>BS-400</b> <sup>9</sup>	$\mu mol/L$	124	112 – 136	4
	<b>BS-200E</b> <sup>2</sup>	$\mu mol/L$	125	113 – 137	4	<b>BS-430</b> <sup>10</sup>	$\mu mol/L$	124	112 – 136	4
	<b>BS-230</b> <sup>3</sup>	$\mu mol/L$	124	112 – 136	4	<b>BS-480</b> <sup>11</sup>	$\mu mol/L$	124	112 – 136	4
	<b>BS-240E</b> <sup>4</sup>	$\mu mol/L$	124	112 – 136	4	<b>BS-600</b> <sup>12</sup>	$\mu mol/L$	124	112 – 136	4
	<b>BS-300</b> <sup>5</sup>	$\mu mol/L$	125	113 – 137	4	<b>BS-800</b> <sup>13</sup>	$\mu mol/L$	124	112 – 136	4
	<b>BS-330E</b> <sup>6</sup>	$\mu mol/L$	125	113 – 137	4	<b>BS-2000</b> <sup>14</sup>	$\mu mol/L$	124	112 – 136	4
	<b>BS-360E</b> <sup>7</sup>	$\mu mol/L$	124	112 – 136	4	<b>BS-2800M</b> <sup>15</sup>	$\mu mol/L$	124	112 – 136	4
	<b>BS-380</b> <sup>8</sup>	$\mu mol/L$	125	113 – 137	4					

# HbA1c Control N



Abbreviated name	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD	Model	Unit	Assay Value	Range(Assay Value±3SD)	1 SD	
HbA1c (%) <sup>16</sup>	IFCC	BS-200 <sup>1</sup>	%	3.94	3.55 — 4.33	0.13	BS-400 <sup>9</sup>	%	3.85	3.47 — 4.23	0.13
		BS-200E <sup>2</sup>	%	3.80	3.42 — 4.18	0.13	BS-430 <sup>10</sup>	%	3.86	3.48 — 4.24	0.13
		BS-230 <sup>3</sup>	%	3.86	3.48 — 4.24	0.13	BS-480 <sup>11</sup>	%	3.86	3.48 — 4.24	0.13
		BS-240E <sup>4</sup>	%	3.86	3.48 — 4.24	0.13	BS-600 <sup>12</sup>	%	3.86	3.48 — 4.24	0.13
		BS-300 <sup>5</sup>	%	3.84	3.46 — 4.22	0.13	BS-800 <sup>13</sup>	%	3.86	3.48 — 4.24	0.13
		BS-330E <sup>6</sup>	%	3.80	3.42 — 4.18	0.13	BS-2000 <sup>14</sup>	%	3.87	3.49 — 4.25	0.13
		BS-360E <sup>7</sup>	%	3.86	3.48 — 4.24	0.13	BS-2800M <sup>15</sup>	%	3.87	3.49 — 4.25	0.13
		BS-380 <sup>8</sup>	%	3.80	3.42 — 4.18	0.13					
HbA1c (%) <sup>16</sup>	NGSP / DCCT	BS-200 <sup>1</sup>	%	5.75	5.18 — 6.32	0.19	BS-400 <sup>9</sup>	%	5.67	5.11 — 6.23	0.19
		BS-200E <sup>2</sup>	%	5.63	5.07 — 6.19	0.19	BS-430 <sup>10</sup>	%	5.68	5.12 — 6.24	0.19
		BS-230 <sup>3</sup>	%	5.68	5.12 — 6.24	0.19	BS-480 <sup>11</sup>	%	5.68	5.12 — 6.24	0.19
		BS-240E <sup>4</sup>	%	5.68	5.12 — 6.24	0.19	BS-600 <sup>12</sup>	%	5.68	5.12 — 6.24	0.19
		BS-300 <sup>5</sup>	%	5.66	5.10 — 6.22	0.19	BS-800 <sup>13</sup>	%	5.68	5.12 — 6.24	0.19
		BS-330E <sup>6</sup>	%	5.63	5.07 — 6.19	0.19	BS-2000 <sup>14</sup>	%	5.69	5.13 — 6.25	0.19
		BS-360E <sup>7</sup>	%	5.68	5.12 — 6.24	0.19	BS-2800M <sup>15</sup>	%	5.69	5.13 — 6.25	0.19
		BS-380 <sup>8</sup>	%	5.63	5.07 — 6.19	0.19					
HbA1c (%) <sup>16</sup>	JCCLS	BS-200 <sup>1</sup>	%	5.41	4.87 — 5.95	0.18	BS-400 <sup>9</sup>	%	5.33	4.80 — 5.86	0.18
		BS-200E <sup>2</sup>	%	5.28	4.76 — 5.80	0.17	BS-430 <sup>10</sup>	%	5.33	4.80 — 5.86	0.18
		BS-230 <sup>3</sup>	%	5.33	4.80 — 5.86	0.18	BS-480 <sup>11</sup>	%	5.33	4.80 — 5.86	0.18
		BS-240E <sup>4</sup>	%	5.33	4.80 — 5.86	0.18	BS-600 <sup>12</sup>	%	5.33	4.80 — 5.86	0.18
		BS-300 <sup>5</sup>	%	5.31	4.78 — 5.84	0.18	BS-800 <sup>13</sup>	%	5.33	4.80 — 5.86	0.18
		BS-330E <sup>6</sup>	%	5.28	4.76 — 5.80	0.17	BS-2000 <sup>14</sup>	%	5.35	4.82 — 5.88	0.18
		BS-360E <sup>7</sup>	%	5.33	4.80 — 5.86	0.18	BS-2800M <sup>15</sup>	%	5.35	4.82 — 5.88	0.18
		BS-380 <sup>8</sup>	%	5.28	4.76 — 5.80	0.17					

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