

Preconfigured SDM Profiles tailor-made to meet the specific needs of varying clinical settings

Note: Applicable for SenTec Digital Monitors with firmware version SMB V08.03.x

Parameter Types

To characterize the different types of parameters the following fonts are used:

Font	Description
Black	Parameters accessible in the SDM menu and within V-STATS, part of profiles
Black, Bold	Parameters only accessible within V-STATS, part of profiles
Blue	Parameters accessible in the SDM menu and within V-STATS, not part of profiles
Blue, Bold	Parameters only accessible within V-STATS, not part of profiles
Red	Parameters only accessible in the SDM menu, not part of profiles
Orange	Non-changeable parameters, not part of profiles

Preconfigured SDM Profiles

Parameter	Factory	NICU_PO2	NICU	CRITICAL_CARE	OR	PACU	GCF	Sleep	Home	V_CHECK	SMB621_Style
Name (displayed in Institutional Mode)	Not applicable	NICU PO2	NICU	CRITICAL CARE	OPERATING ROOM	PACU	GEN. CARE FLOOR	SLEEP	HOME	V-CHECK	SMB621 STYLE
Profile Mode	Basic	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a. (Basic)
PCO2 High Limit (mmHg)	50	55	55	55	55	55	55	200	200	200	45
PCO2 High Limit (kPa)	6.7	7.3	7.3	7.3	7.3	7.3	7.3	26.7	26.7	26.7	6.0
PCO2 Low Limit (mmHg)	30	30	30	30	30	30	30	0	0	0	30

Parameter	Factory	NICU_PO2	NICU	CRITICAL_CARE	OR	PACU	GCF	Sleep	Home	V_CHECK	SMB621_Style
PCO2 Low Limit (kPa)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	0.0	0.0	0.0	4.0
SpO2 High Limit[%]	100	n.a.(100)	n.a. (100)	100	100	100	100	100	100	100	100
SpO2 Low Limit [%]	85	n.a. (85)	n.a. (85)	85	85	85	85	1	1	1	85
PR High Limit [bpm]	140	n.a. (140)	n.a. (140)	140	140	140	140	250	250	250	120
PR Low Limit [bpm]	50	n.a. (50)	n.a. (50)	50	50	50	50	30	30	30	50
PO2 High Limit (mmHg)	95	95	n.a. (95)	n.a. (95)	n.a. (95)	n.a. (95)	n.a. (95)	n.a. (95)	n.a. (95)	n.a. (95)	n.a. (95)
PO2 High Limit (kPa)	12.7	12.7	n.a. (12.7)	n.a. (12.7)	n.a. (12.7)	n.a. (12.7)	n.a. (12.7)	n.a. (12.7)	n.a. (12.7)	n.a. (12.7)	n.a. (12.7)
PO2 Low Limit (mmHg)	60	60	n.a. (60)	n.a. (60)	n.a. (60)	n.a. (60)	n.a. (60)	n.a. (60)	n.a. (60)	n.a. (60)	n.a. (60)
PO2 Low Limit (kPa)	8.0	8.0	n.a. (8.0)	n.a. (8.0)	n.a. (8.0)	n.a. (8.0)	n.a. (8.0)	n.a. (8.0)	n.a. (8.0)	n.a. (8.0)	n.a. (8.0)
'AUDIO OFF' selectable	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON
Alarm Volume	4	4	4	4	4	4	4	OFF	OFF	4	3
AUDIO PAUSED Duration (mins)	1	2	2	2	2	2	2	2	1	1	1
AUDIO OFF Reminder select.	OFF	OFF	OFF	OFF	ON	OFF	OFF	ON	ON	ON	ON
Audio OFF Reminder	ON	ON	ON	ON	OFF	ON	ON	OFF	OFF	OFF	OFF
Alarm Melodies	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF
Ready for use beep	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
RMI AUDIO OFF Disable Volume	4	4	4	4	4	4	4	OFF	OFF	4	3

Parameter	Factory	NICU_PO2	NICU	CRITICAL_CARE	OR	PACU	GCF	Sleep	Home	V_CHECK	SMB621_Style
Time Range for Online Trends	30 min	2 h	2 h	2 h	60 min	60 min	2 h	12 h	8 h	15 min	30 min
Patient	Adult	Neonatal	Neonatal	Adult	Adult	Adult	Adult	Adult	Adult	Adult	Adult
Enabled Parameters	PCO2 SpO2 PR	PCO2 PO2	PCO2	PCO2 SpO2 PR	PCO2 SpO2 PR	PCO2 SpO2 PR	PCO2 SpO2 PR	PCO2 SpO2 PR	PCO2 SpO2 PR	PCO2 SpO2 PR	PCO2 SpO2 PR
Delta-Time (mins)	10	10	10	10	10	10	10	10	10	10	10
V-Check Mode selectable	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Disabled	Enabled	Disabled
V-Check Mode	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
V-Check Stabilization Duration (mins)	8	8	8	8	8	8	8	8	8	8	8
V-Check Analysis Duration (mins)	2	2	2	2	2	2	2	2	2	2	2
V-Check Data Validity (%)	80	80	80	80	80	80	80	80	80	80	80
Max. select. Sensor Temperature (°C)	44	44	43	43.5	43.5	43.5	43.5	42	42	43.5	42
Min. select. Sensor Temperature (°C)	40	40	40	40	40	40	40	40	40	40	40
Select. Sensor Temp. Range on SDM (°C)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Sensor Temperature (°C)	42	43	41	42	42	42	42	42	42	43.5	42



Parameter	Factory	NICU_PO2	NICU	CRITICAL_CARE	OR	PACU	GCF	Sleep	Home	V_CHECK	SMB621_Style
Max. select. Site Time (hrs)	12	6	8	12	12	12	12	12	12	0.5	8
Max. select. Site Time on SDM (hrs)	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Site Time (hrs)	8	2	8	8	8	8	8	12	12	0.5	8
SITE PROTECTON selectable	OFF	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON
SITE PROTECTION	ON	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
INITIAL HEATING selectable	OFF	OFF	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF
INITIAL HEATING	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Heating Power Mode	RHP	RHP	RHP	RHP	RHP	RHP	OFF	OFF	OFF	AHP	OFF
RHP Range for Online Trend (mW)	-20 - 20	-20 - 20	-20 - 20	-20 - 20	-20 - 20	-20 - 20	-20 - 20	-20 - 20	-20 - 20	-20 - 20	-20 - 20
SpO2 Range for Online Trend (%)	70-100	n.a. (70-100)	n.a. (70-100)	70-100	70-100	70-100	70-100	70-100	70-100	70-100	85-100
PR Range for Online Trend (bpm)	30-140	n.a. (30-140)	n.a. (30-140)	30-140	30-140	30-140	30-140	30-140	30-140	30-140	30-140
Pulse Beep	OFF	n.a. (OFF)	n.a. (OFF)	OFF	1	OFF	OFF	OFF	OFF	OFF	OFF
Pleth Speed (mm/sec)	7.5	n.a. (7.5)	n.a. (7.5)	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
SpO2 Averaging selectable	OFF	n.a. (ON)	n.a. (ON)	ON	ON	ON	ON	ON	ON	ON	OFF

Parameter	Factory	NICU_PO2	NICU	CRITICAL_CARE	OR	PACU	GCF	Sleep	Home	V_CHECK	SMB621_Style
SpO2 Averaging (secs)	6	n.a. (16)	n.a. (16)	16	6	16	16	3	16	16	6
PCO2/ PO2 unit	mmHg	mmHg	mmHg	mmHg	mmHg	mmHg	mmHg	mmHg	mmHg	mmHg	mmHg
PO2 Trendgraph Range (mmHg)	40-160	40-160	n.a. (40-160)	n.a. (40-160)	n.a. (40-160)	n.a. (40-160)	n.a. (40-160)	n.a. (40-160)	n.a. (40-160)	n.a. (40-160)	n.a. (40-160)
PO2 Trendgraph Range (kPa)	5.5-21.5	5.5-21.5	n.a. (5.5-21.5)	n.a. (5.5-21.5)	n.a. (5.5-21.5)	n.a. (5.5-21.5)	n.a. (5.5-21.5)	n.a. (5.5-21.5)	n.a. (5.5-21.5)	n.a. (5.5-21.5)	n.a. (5.5-21.5)
PCO2 Trendgraph Range (mmHg)	25-75	25-75	25-75	25-75	25-75	25-75	25-75	25-75	25-75	25-75	25-75
PCO2 Trendgraph Range (kPa)	3.5-10.0	3.5-10.0	3.5-10.0	3.5-10.0	3.5-10.0	3.5-10.0	3.5-10.0	3.5-10.0	3.5-10.0	3.5-10.0	3.5-10.0
'PCO2 In-Vivo Correction' selectable	OFF	ON	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
'Severinghaus Correction Mode' selectable	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Severinghaus Correction Mode	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Auto
Severinghaus Temperature Corr.	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Severinghaus Metabolic Offset (mmHg)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Severinghaus Metabolic Offset (kPa)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Maximal calibration Interval (hrs)	12	9	9	9	9	9	9	12	12	1	8

Parameter	Factory	NICU_PO2	NICU	CRITICAL_CARE	OR	PACU	GCF	Sleep	Home	V_CHECK	SMB621_Style
Message "Recommended Sensor Stabilization"	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	OFF
PCO2 calibration curve	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Membrane Change Interval (days)	28	14	28	28	28	28	28	28	28	28	28
Brightness	100	100	100	100	100	100	100	100	100	100	100
PCO2 Color	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green	Green
SpO2 Color	Red	n.a. (Red)	n.a. (Red)	Red	Red	Red	Red	Red	Red	Red	Red
PR Color	White	n.a. (White)	n.a. (White)	White	White	White	White	White	White	White	White
PI Color	Yellow	n.a. (Yellow)	n.a. (Yellow)	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow
PO2 Color	Blue	Blue	n.a. (Blue)	n.a. (Blue)	n.a. (Blue)	n.a. (Blue)	n.a. (Blue)	n.a. (Blue)	n.a. (Blue)	n.a. (Blue)	n.a. (Blue)
RHP Color	Orange	Orange	n.a. (Orange)	n.a. (Orange)	n.a. (Orange)	n.a. (Orange)	n.a. (Orange)	n.a. (Orange)	n.a. (Orange)	n.a. (Orange)	n.a. (Orange)
Display in Sleep Mode	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	OFF	OFF
Menu Access	ON	ON	ON	ON	ON	ON	ON	ON	OFF	ON	ON
Language selectable	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON
Language	English	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Demo Mode selectable	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON
Demo Mode	OFF	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Key Click	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
Serial Protocol	SenTecLink	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Baud Rate (if SenTecLink)	115'200 bauds	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Parameter	Factory	NICU_PO2	NICU	CRITICAL_CARE	OR	PACU	GCF	Sleep	Home	V_CHECK	SMB621_Style
PCO2 Range for Analog Output (mmHg)	0-100	0-100	0-100	0-100	0-100	0-100	0-100	0-100	0-100	0-100	0-100
PCO2 Range for Analog Output (kPa)	0-15.0	0-15.0	0-15.0	0-15.0	0-15.0	0-15.0	0-15.0	0-15.0	0-15.0	0-15.0	0-15.0
SpO2 Range for Analog Output (%)	50-100	n.a. (50 - 100)	n.a. (50 - 100)	50-100	50-100	50-100	50-100	50-100	50-100	50-100	50-100
PR Range for Analog Output (bpm)	30-140	n.a. (30-140)	n.a. (30 - 140)	30-140	30-140	30-140	30-140	30-140	30-140	30-140	30-250
Nurse Call	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
LAN selectable	ON	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
LAN	ON	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Device/Host Name	SenTec_SD M<Serial- Number>	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
DHCP Mode	ON	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IP Address	192.168.1.99	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
IP Port	62768	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
Ethernet Mode	Auto	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
MAC	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
DNS Mode	ON	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
PCO2 Range for review/print-out (mmHg)	25-75	25-75	25-75	25-75	25-75	25-75	25-75	25-75	25-75	25-75	25-75
PCO2 Range for review/print-out (kPa)	3.5-10.0	3.5-10.0	3.5-10.0	3.5-10.0	3.5-10.0	3.5-10.0	3.5-10.0	3.5-10.0	3.5-10.0	3.5-10.0	3.5-10.0

Parameter	Factory	NICU_PO2	NICU	CRITICAL_CARE	OR	PACU	GCF	Sleep	Home	V_CHECK	SMB621_Style	
SpO2 Range for review/print-out (%)	70-100	n.a (70-100)	n.a. (70-100)	70-100	70-100	70-100	70-100	70-100	70-100	70-100	85-100	
PR Range for review/print-out (bpm)	30-140	n.a. (30-140)	n.a. (30-140)	30-140	30-140	30-140	30-140	30-140	30-140	30-140	30-140	
Data recording interval (sec.)	4	4	4	8	4	8	8	2	8	4	4	
Minimal Measurement Duration (min.)	5	5	5	5	5	5	5	5	5	2	0	
Patient ID	-1	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	-1	
Ranges for PCO2 Histogram (mmHg)	100.1-200.0 85.1-100.0 70.1-85.0 55.1-70.0 40.1-55.0 25.1-40.0 0.1-25.0	100.1-200.0 85.1-100.0 70.1-85.0 55.1-70.0 40.1-55.0 25.1-40.0 0.1-25.0	100.1-200.0 85.1-100.0 70.1-85.0 55.1-70.0 40.1-55.0 25.1-40.0 0.1-25.0	100.1-200.0 85.1-100.0 70.1-85.0 55.1-70.0 40.1-55.0 25.1-40.0 0.1-25.0	100.1-200.0 85.1-100.0 70.1-85.0 55.1-70.0 40.1-55.0 25.1-40.0 0.1-25.0	100.1-200.0 85.1-100.0 70.1-85.0 55.1-70.0 40.1-55.0 25.1-40.0 0.1-25.0	100.1-200.0 85.1-100.0 70.1-85.0 55.1-70.0 40.1-55.0 25.1-40.0 0.1-25.0	100.1-200.0 85.1-100.0 70.1-85.0 55.1-70.0 40.1-55.0 25.1-40.0 0.1-25.0	100.1-200.0 85.1-100.0 70.1-85.0 55.1-70.0 40.1-55.0 25.1-40.0 0.1-25.0	100.1-200.0 85.1-100.0 70.1-85.0 55.1-70.0 40.1-55.0 25.1-40.0 0.1-25.0	100.1-200.0 85.1-100.0 70.1-85.0 55.1-70.0 40.1-55.0 25.1-40.0 0.1-25.0	100.0-200.0 85.0-99.9 70.0-84.9 55.0-69.9 40.0-54.9 25.0-39.9 0.1-24.9
(kPa)	13.34-26.67 11.34-13.33 9.34-11.33 7.34-9.33 5.34-7.33 3.34-5.33 0.01-3.33	13.34-26.67 11.34-13.33 9.34-11.33 7.34-9.33 5.34-7.33 3.34-5.33 0.01-3.33	13.34-26.67 11.34-13.33 9.34-11.33 7.34-9.33 5.34-7.33 3.34-5.33 0.01-3.33	13.34-26.67 11.34-13.33 9.34-11.33 7.34-9.33 5.34-7.33 3.34-5.33 0.01-3.33	13.34-26.67 11.34-13.33 9.34-11.33 7.34-9.33 5.34-7.33 3.34-5.33 0.01-3.33	13.34-26.67 11.34-13.33 9.34-11.33 7.34-9.33 5.34-7.33 3.34-5.33 0.01-3.33	13.34-26.67 11.34-13.33 9.34-11.33 7.34-9.33 5.34-7.33 3.34-5.33 0.01-3.33	13.34-26.67 11.34-13.33 9.34-11.33 7.34-9.33 5.34-7.33 3.34-5.33 0.01-3.33	13.34-26.67 11.34-13.33 9.34-11.33 7.34-9.33 5.34-7.33 3.34-5.33 0.01-3.33	13.34-26.67 11.34-13.33 9.34-11.33 7.34-9.33 5.34-7.33 3.34-5.33 0.01-3.33	13.34-26.67 11.34-13.33 9.34-11.33 7.34-9.33 5.34-7.33 3.34-5.33 0.01-3.33	13.33-26.67 11.33-13.32 9.33-11.32 7.33-9.32 5.33-7.32 3.33-5.32 0.01-3.32
Ranges for SpO2 Histogram (%)	97-100 93-96 89-92 85-88 81-84 77-80 1-76	not applicable 97-100 93-96 89-92 85-88 81-84 77-80 1-76	not applicable 97-100 93-96 89-92 85-88 81-84 77-80 1-76	97-100 93-96 89-92 85-88 81-84 77-80 1-76	97-100 93-96 89-92 85-88 81-84 77-80 1-76	97-100 93-96 89-92 85-88 81-84 77-80 1-76	97-100 93-96 89-92 85-88 81-84 77-80 1-76	97-100 93-96 89-92 85-88 81-84 77-80 1-76	97-100 93-96 89-92 85-88 81-84 77-80 1-76	97-100 93-96 89-92 85-88 81-84 77-80 1-76	97-100 93-96 89-92 85-88 81-84 77-80 1-76	97-100 93-96 89-92 85-88 81-84 77-80 1-76

Parameter	Factory	NICU_PO2	NICU	CRITICAL_CARE	OR	PACU	GCF	Sleep	Home	V_CHECK	SMB621_Style
Ranges for PR Histogram (bpm)	211-250 181-210 151-180 121-150 91-120 61-90 30-60	not applicable 211-250 181-210 151-180 121-150 61-90 30-60	not applicable 211-250 181-210 151-180 121-150 61-90 30-60	211-250 181-210 151-180 121-150 91-120 61-90 30-60	211-250 181-210 151-180 121-150 91-120 61-90 30-60	211-250 181-210 151-180 121-150 91-120 61-90 30-60	211-250 181-210 151-180 121-150 91-120 61-90 30-60	211-250 181-210 151-180 121-150 91-120 61-90 30-60	211-250 181-210 151-180 121-150 91-120 61-90 30-60	211-250 181-210 151-180 121-150 91-120 61-90 30-60	210-250 180-209 150-179 120-149 90-119 60-89 30-59