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Life Scope® SVM-7200 Series Vital Signs Monitor

Quick Reference Guide

Version 1

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****This quick reference guide is intended only for quick reference for the Life Scope SVM-7200 Series Vital Series Monitor.**

Please refer to the Clinical Reference Guide (CRG) or the operator's manual for more in-depth reference and operation.

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Basic Monitoring

1. Log in as Clinician if applicable.
2. Admit patient by opening the NEW PATIENT window and entering appropriate information or scanning a patient barcode.
 - a. Enter patient information by scanning the patient's bracelet or touching the desired data key to manually enter their information.
3. Obtain vital signs by connecting your patient to the monitor and starting the NIBP if applicable.
4. Save the patient's vital signs.
 - a. Touch SAVE/SEND, **OR**
 - b. Touch SAVE;
 - c. Select or unselect desired parameters;
 - d. Touch SEND to EMR.
5. Record patient data (if recorder available).
 - a. Touch REVIEW;
 - b. Select desired data by checking a box;
 - c. Touch RECORD.
6. Discharge QUIT the patient from the monitor if in **continuous mode**. **Spot mode** will automatically discharge after saving data.
 - a. Touch MENU → PATIENT INFO key;
 - b. Touch QUIT PATIENT key;
 - c. Select YES to discharge patient.

Remember to Discharge QUIT between each patient when using **continuous mode**.

Modes

Spot Mode

Spot mode should be used when taking vital signs from one patient after another in a consecutive manner. Remember to save and send the desired parameters to the electronic medical record (EMR) with the appropriate patient information before proceeding to the next patient.

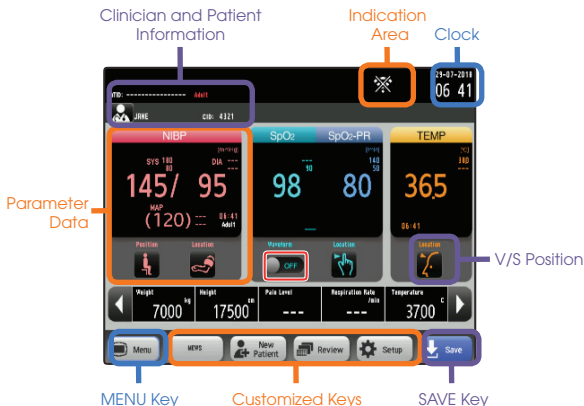


Continuous Mode

Continuous mode should be used when a patient requires consecutive vital signs measurements. Remember to save and send the desired parameters to the electronic medical record (EMR) with the appropriate patient information before proceeding to the next patient.



Home Screen Display



Menu Screen Display



Admitting and Discharging

Admitting

- Open the NEW PATIENT window by using the barcode scanner, if available, or touch MENU → PATIENT LIST → NEW PATIENT.
- Proceed with entering patient data by touching each applicable key. *Remember to hit ENT or SET to confirm choices.

Managing Patient Data

- Patient data is stored in the PATIENT LIST.
- Use keys on the PATIENT LIST window to add, delete, or change patient information.

Discharging

- In **spot mode**, the patient is automatically discharged after data is saved. In **continuous mode**, the patient must be discharged QUIT.
- Touch the MENU → PATIENT INFO key.
- Touch the QUIT PATIENT key on the bottom right.
- Confirm your selection.

Saving and Sending Patient Information

In Spot Mode

- Touch the SAVE key after admitting a patient. Open SAVE window.
- All the parameters are selected by default. Touch to unselect parameters.
- Touch SAVE to save the selected data locally or SAVE & SEND to save the selected data locally and then send to the external system.

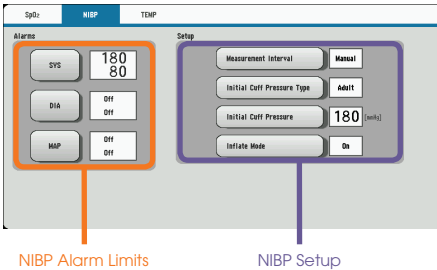
When the SAVE & SEND* key is touched, if the data is sent to the external system, a corresponding visual and auditory message will appear, and the record of the data will be saved in the Spot Table in dim grey.

NOTE: When the memory becomes full, the oldest file is deleted to create a new file.

In Continuous Mode

Touch the SAVE key to save the data. The data will be saved in the ID of the current patient logged in. If there is no patient logged in, the data will be saved in an unused ID assigned by the system.

NIBP Monitoring



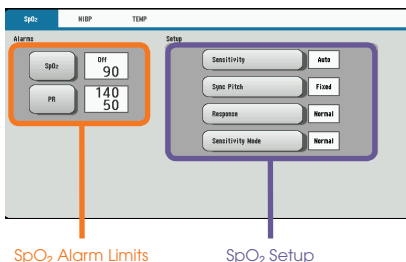
NIBP Alarm Limits

- SYS – Change systolic high and low alarm limit.
- DIA – Change diastolic high and low alarm limit.
- MAP – Change mean arterial pressure alarm limit.

NIBP Setup

- MEASUREMENT INTERVAL – Choose MANUAL, AUTO, STAT, or SIM.
 - MANUAL – Touch start/stop each time
 - AUTO – Set periodic intervals
 - STAT – Preset continuous intervals
 - SIM – Preset continuous intervals
- INITIAL CUFF PRESSURE TYPE – Adult, Child, or Neonate (must have neonatal cable).
- INITIAL CUFF PRESSURE – Change initial pressure of cuff prior to start if desired.
- INFLATE MODE – On or Off to take faster NIBP on inflation (must have Nihon Kohden approved cuffs to operate).

SpO₂ Monitoring



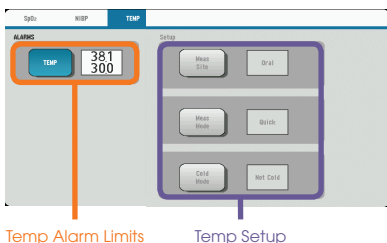
SpO₂ Alarm Limits

- SpO₂ – Change the SpO₂ high and low alarm limit.
- PR – Change the pulse rate high and low alarm limit.

SpO₂ Setup

- SENSITIVITY – Change the sensitivity of the SpO₂ waveform for the home screen.
- SYNC PITCH – Change the pitch of the sync sound as the patient's SpO₂ rises and falls.
- RESPONSE – Choose a Fast, Normal, or Slow SpO₂ response rate for monitoring. (Available for NK SpO₂ only).
 - FAST – Used for fast response to short acting SpO₂ events
 - NORMAL – Used for normal monitoring
 - SLOW – Used to suppress rapid changes in SpO₂
 - SENSITIVITY MODE – Choose MAX or NORMAL sensitivity modes for monitoring potentially weak SpO₂ signals. (Not available for Nellcor SpO₂).

Temperature Monitoring



Temp Alarm Limits

- Change the upper and lower temp alarm limits.

Temp Setup for Oral/Axillary or Rectal temp

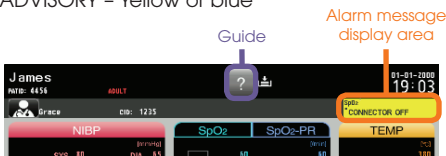
- MEAS SITE – Choose the site of measurement: ORAL, AXILLARY, or RECTAL.
- MEAS MODE – Choose QUICK, STANDARD, or DIRECT measurement.
 - QUICK – Rapid oral temp prediction
 - STANDARD – Predicts accurate temp
 - DIRECT – Slow mode temp monitor
- COLD MODE – Choose for post-surgical or hypothermic patients.

Note: For rectal temps, use the red isolation/temperature probe casing. See the operator's manual for further assistance.

Alarms

There are three priority level alarms: crisis, warning, and advisory. Defaults are set by your administrator.

- CRISIS – Red blinking
- WARNING – yellow
- ADVISORY – Yellow or blue



Alarm message display – When two or more alarms occur at the same time, the messages are displayed alternately in the alarm message display area.

Guide – Touch this symbol to open the guide menu to troubleshoot the current alarm.

Silence Alarm

- Silences the current alarm and resets technical alarms.

Suspend Alarm

- Turns off all alarms for a specific time period set by the administrator: 1, 2, or 3 minutes.

Suspend Monitoring (continuous mode)

- Turns off all alarms indefinitely until key is reset on MENU.

All Alarms Off

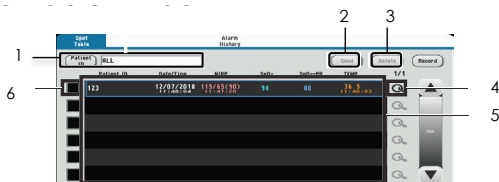
- If set by administrator, it turns all alarms off until key is reset on MENU.

Review Patient Data

In **spot mode**, the SPOT TABLE window and ALARM HISTORY window are available.

In **continuous mode**, the SPOT TABLE window, TREND TABLE window, TREND GRAPH window, and ALARM HISTORY window are available.

SPOT TABLE Window



1. Patient information filter area

- Tap the dialog box to choose the patient name or ID. Tap ALL to display all data.

2. SEND key

- Tap SEND to send the record you choose.

3. DELETE key

- Tap DELETE to delete the record you choose.

4. Detail icon

- Tap to display the Spot Data Detail window.

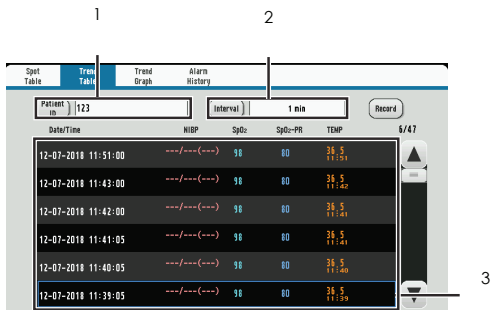
5. Record area

- The records which have been sent are in grey.

6. Check box

- Tap a check box to choose the record you need.

TREND TABLE Window (In Continuous Mode Only)



1. Patient information filter area

- Tap the dialog box to choose the patient name or ID. Tap ALL to display all data.

2. Time interval filter area

- Tap the dialog box to choose 1 min, 5 min, 10 min, 15 min, 30 min or 1 h.

3. Record area

- The records which have been sent are in grey. The records which have not been sent are in black.

Modified Early Warning Score

Modified early warning score (MEWS) is a tool to quickly determine the degree of illness of a patient. It is based on vital signs such as SpO₂, NIBP, temperature, respiratory rate, etc. It can be customized to sound an alarm according to your facility protocols.

To Get Modified Early Warning Score (MEWS)

1. Display the MENU window.
2. Touch the MEWS key on the MENU window to display the MEWS window.
OR Touch the MEWS key on the Home screen when it is customized to the Home screen.
3. Touch the MEWS key to close the MEWS window and return to the Home screen.

Note: If a parameter used for MEWS is inaccurate, you will need to retake the patient's measurements.















































MEWS			
SpO ₂ -PR 80 0	NIBP-SYS 100 1	TEMP 36.5 0	Respiration Rate --- -
LOC --- -			
<div>Score</div> <div>-</div> <div>config is not completed</div>			

Cleaning and Disinfecting

Please consult the Operator's Manual or the Cleaning and Disinfecting Guide for a complete list of approved cleaning and disinfecting agents.

*The use of any other disinfectant solutions may cause damage to the equipment and may void the product warranty.

Screen Symbols

Symbol	Description	Symbol	Description
	Adjust down / Scroll data		Adjust left / Scroll data
	Adjust right / Scroll data		Adjust up / Scroll data
	All alarms off (Alarm off)		Alarm suspended (Alarm paused)
	Alarm silence (Audio off)		Alarm silence with remaining time (Audio paused)
	Alarms rest		Battery status
	Checking data		Accessing data in USB
	USB data access failure		Data failure
	Guide menu		QRS/pulse sync mark
	Menu		NIBP interval
	NIBP start		NIBP stop
	Out of paper		Recorder door open
	Record		Respiration sync mask
	Zoom in/Zoom out		Home
	Wireless LAN off (with wireless LAN module)		Touch panel calibration
	Lying		Standing
	Position: Sitting		Reclining
	Right arm		Left thigh
	Location: Left arm		Right thigh
	Location: Forefinger		Foot thumb
	Ear		Nose
	Location: Oral cavity		Rectum
	Ear		Forehead
	Axilla		Other

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