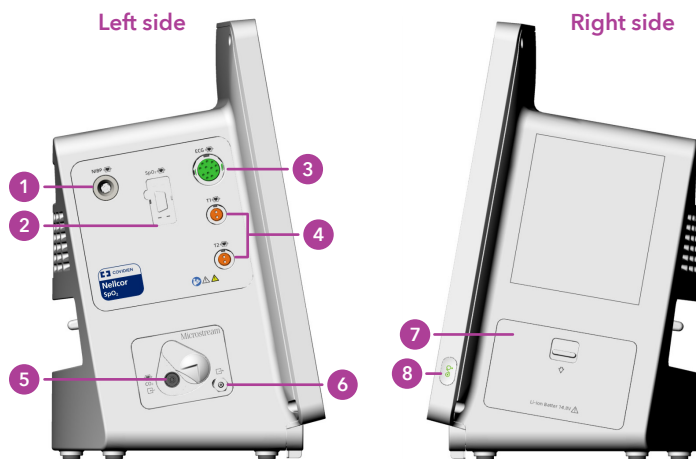
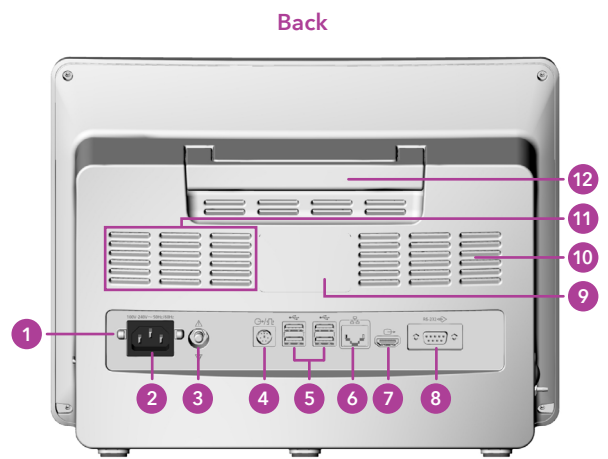


Buttonology and quick start guide

This document serves as a quick “How To” guide and buttonology reference for the RespArray™ patient monitor. Please refer to the RespArray™ instructions for use to review all relevant indications, warnings, and for complete details on how to use the monitor.



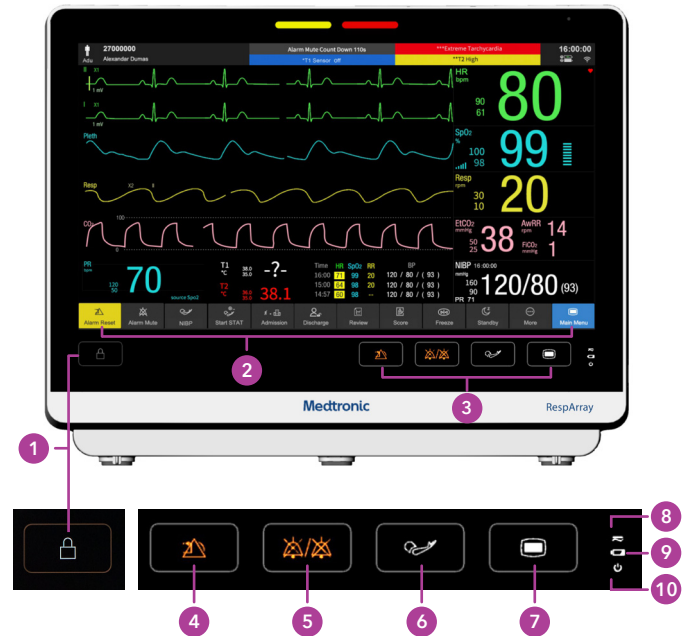
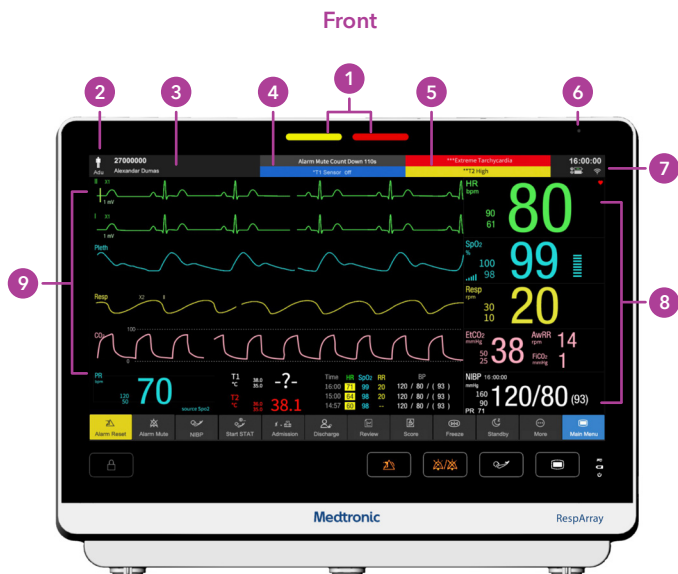
1. NIBP cuff port: Connect NIBP hose with a male bayonet connector.
2. Nellcor™ SpO₂ sensor port: Connect DOC-10 cable.
3. ECG cable port: Connect three or five lead ECG cables with a 12-pin connector.
4. TEMP probe port: Connect one or two temperature probes with a two-pin connector.
5. CO₂ input port: Connect Microstream™ Advance filter line.
6. Gas outlet: Connect to scavenger system when the monitor is used in the presence of anesthetic gases.
7. Battery door
8. On/Off power switch



1. Power cable safety latch
2. Power supply interface: Connect AC power cord.
3. Equipotential grounding terminal*
4. Multifunctional port: Nurse call port, analog output, defibrillator synchronization
5. USB interface
6. Network interface: Ethernet
7. HDMI video output
8. RS232 interface
9. Label
10. No-fan heat sink which is dust free, low noise, and low consumption
11. Speaker
12. Handle

*If the monitor or other processing unit are used in internal examinations on the heart, ensure that the room incorporates an equipotential grounding system to which the monitor and other processing unit have separate connection.

RespArray™ patient monitor



1. Alarm indicator, left side: technical alarm indicator; right side: physiological alarm indicator
When a physiological alarm or technical alarm occurs, this indicator lights and flashes based on the alarm priority:
 - High-level alarm: flashes red
 - Medium-level alarm: flashes yellow
 - Low-level alarm: constantly yellow for physiological alarm and constantly blue for technical alarm.
2. Patient information area
3. Current profile
4. Technical alarm and prompt information area
5. Physiological alarm information area:
 - Displays high-level physiological alarms at the top
 - Displays medium-level and low-level physiological alarms at the bottom
6. Ambient light sensor
7. System information area: Displays system time, battery status, network status, AC power status, screen brightness, volume, etc.
8. Parameter measurement values: Click this area to enter the corresponding parameter setup interface.
9. Parameter area/waveform area: Click this area to enter the corresponding parameter setup interface.

1. Lock screen: Press and hold for three seconds to lock the keys and touchscreen. The perimeter of the lock key will be illuminated when locked.
2. Short cut key area: Configurable geographical key area
3. Permanent key area: Remains on the screen all the time
4. Alarm reset (or alarm acknowledge): Currently disabled
5. Mute (or alarm silence): Press it to suspend the output of all audible alarm signals. Upon the configuration, press this button to pause or permanently turn off the audio alarm (default two minutes).
6. Start/Stop NIBP measurement
7. Main menu
8. AC power indicator
9. Battery indicator
10. Power on indicator

RespArray™ patient monitor quick start guide

Shortcut keys

The shortcut keys located at the bottom of the main screen gives you fast access to different functions. You can select the shortcut keys to be displayed on the main screen through **Menu > Screen > Shortcut Keys** (password protected).



Discharge/select patient type



Enter Alarm Setup Interface



Discharge/admit a patient



Start or stop NIBP measurement



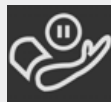
Review trend data



Start NIBP STAT measurement



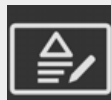
Enter the standby mode



Stop all NIBP measurements



Enter the night mode



Enter the score interface (N/A in neonate mode)



Enter the intubation mode



Enter setup screen



Access Parameters on/off switch



Freeze or unfreeze waveforms

Connecting a patient to the RespArray™ monitor

This quick guide explains how to connect the RespArray™ patient monitor to a patient. It is not intended to replace the official instructions manual.

1. Press the power key once for 3 sec. The power indicator will turn from orange to green.
2. Ensure your device is plugged in to a grounded receptacle approved by your facility for patient monitoring devices (typically red) during normal use of the monitor and not being used for transport.
3. Select **Current Patient** to use the current configuration; select **New Patient** to admit a new patient.
4. Connect measurement devices per the directions below.
5. The monitor defaults to an adult setting. To change patient type, click **Menu > Patient Setup > Patient Info > Type** or select the patient information button in the top left corner of the screen.
6. Select the correct patient type. Click **Confirm** to save the settings.
7. Monitoring will automatically begin once all the accessories are connected to the monitor.

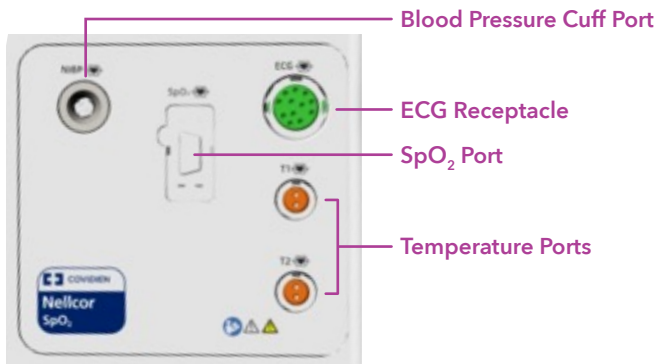
Monitoring Microstream™ etCO₂

Apply Microstream™ Advance capnography sampling line to the patient. Connect the appropriate sampling line to the Microstream™ etCO input connector on the left side of the monitor, turning clockwise a quarter turn until snug. **Do not overtighten.**



Monitoring Nellcor™ SpO₂

Insert the Nellcor™ pulse oximetry Doc-10 patient monitoring cable into the Nellcor™ pulse oximetry sensor port if not already inserted. Place the Nellcor™ pulse oximetry sensor on the appropriate site for the sensor selected and patient. Connect the SpO₂ sensor to the patient monitoring cable.



Connecting ECG Cables

Clip or snap ECG electrodes to ECG cable. Place electrodes on the patient. Plug the ECG cable into the ECG Port on the monitor. To change the electrode type, select the ECG parameter area to access open the ECG Setup menu and set **Electrode Type** to **3 Electrodes, 5 Electrodes** or **Auto** based on the lead used.

Monitoring NIBP

Connect the NIBP cuff to the NIBP hose. Connect the NIBP hose to the monitor. Apply the blood pressure cuff to the appropriate site for the cuff selected.

Monitoring Temperature

Plug the probe to the temperature connector T1 on the monitor. Attach the probe to the patient in accordance with currently acceptable medical procedures. It takes 5 minutes for the temperature measurement to stabilize.

Viewing Patient Trend Data

The monitor stores the monitoring data in graphical and tabular trend data.

- To review the trend graph, select **Menu > Review > Trend Graph**.



- To review the trend table, select **Menu > Review > Trend Table**.

	2022-07-28 12:07:00	2022-07-28 12:07:13	2022-07-28 12:07:19	2022-07-28 12:07:53
HR (bpm)	60	60	60	60
PVCs (/min)	10	10	10	10
Pause/min (/min)	3	3	3	3
SpO ₂ (%)	98	98	98	98
PR (bpm)	60	60	60	60
NIBP (mmHg)	--/--/--	125/74(87)	121/74(86)	130/73(87)
PR(NIBP) (bpm)	--	61	60	59
CO ₂ (mmHg)	38	38	38	38
RR(CO ₂) (/pm)	14	14	14	14
IPI	7	7	7	7

- You may also view trend data by accessing the **Review trend data** shortcut key.



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