

ReSposable ROS™ Compatibility Requirements

Patient Cables



Device Parameter ▶	SpO ₂ ONLY									SpHb®/SpMet®/SpO ₂	SpCO®/SpMet/SpO ₂
	PC	LNC	LNC MAC	M-LNC	M-LNC MAC	Red PC	Red LNC	RC	RC	RC	
	MC8	DB9	DB9	M15	M11	MC8	DB9	M15	M15	M15	
SpO₂ ReSposable™											
M-LNCS S-ROS 3U	A ¹	A ²	A ⁵	Y	Y	A ¹	A ²	Y	Y	Y	
LNCS S-ROS 3U	A ³	Y	Y	n/a	n/a	A ³	Y	Y	Y	Y	
S-ROS 12U	Y ⁴	Y ⁴	n/a	Y ⁴	n/a	n/a	n/a	n/a	n/a	n/a	
Red S-ROS 12U	n/a	n/a	n/a	n/a	n/a	Y ⁴	Y ⁴	Y ⁴	Y ⁴	Y ⁴	
GE S-ROS 12U	Y ⁴	Y ⁴	n/a	Y ⁴	n/a	n/a	n/a	n/a	n/a	n/a	
Philips S-ROS 12U	Y ⁴	Y ⁴	Y	Y ⁴	Y	n/a	n/a	n/a	n/a	n/a	
SL S-ROS 12U	Y ⁴	Y ⁴	n/a	Y ⁴	n/a	n/a	n/a	n/a	n/a	n/a	
DB9 S-ROS 12U	Y ⁴	Y ⁴	n/a	Y ⁴	n/a	n/a	n/a	n/a	n/a	n/a	
GE MAC S-ROS 12U	n/a	n/a	Y	n/a	Y	n/a	n/a	n/a	n/a	n/a	
SL MAC S-ROS 12U	n/a	n/a	Y	n/a	Y	n/a	n/a	n/a	n/a	n/a	
SL2 MAC S-ROS 12U	n/a	n/a	Y	n/a	Y	n/a	n/a	n/a	n/a	n/a	
MAC 180 S-ROS 12U	n/a	n/a	Y	n/a	Y	n/a	n/a	n/a	n/a	n/a	
MAC 395 S-ROS 12U	n/a	n/a	Y	n/a	Y	n/a	n/a	n/a	n/a	n/a	
SpHb ReSposable											
R2-25r	A ¹	A ²	A ⁵	Y	n/a	A ¹	A ²	Y	Y	Y	
R2-20r	A ¹	A ²	A ⁵	Y	n/a	A ¹	A ²	Y	Y	Y	

ReSposable DOS™ Compatibility Requirements

Device Parameter ▶	SpO ₂ ONLY			SpHb/SpMet/SpO ₂	
	S-ROS 3U ⁶	S-ROS 12U ⁷	MAC S-ROS 12U ³	R2-25r	R2-20r
SpO₂ ReSposable					
S-DOS 25	Y	Y	Y	n/a	n/a
S-DOS 20	Y	Y	Y	n/a	n/a
S-DOS 30L	Y	Y	Y	n/a	n/a
S-DOS 25L	Y	Y	Y	n/a	n/a
S-DOS 20L	Y	Y	Y	n/a	n/a
S-DOS 25Pt-L	Y	Y	Y	n/a	n/a
S-DOS 20L-500	Y	Y	Y	n/a	n/a
SpHb ReSposable					
R2-25a	n/a	n/a	n/a	Y	n/a
R2-20a	n/a	n/a	n/a	n/a	Y

Notes:

- Areas in white provide Masimo SET® SpO₂ ONLY
- Sensor will connect to cable and provide the parameters the sensor is capable of reading
- Requires an adapter cable to connect to the cable, will provide the parameters the sensor is capable of reading
- Areas in red provide rainbow® parameters the device is capable of reading
- Areas in yellow provide non-Masimo SpO₂ ONLY

- 1 Requires M-LNCS™ to PC adapter cable to connect ROS to cable
- 2 Requires M-LNCS to LNC™ adapter cable to connect ROS to cable
- 3 Requires LNCS® to PC adapter cable to connect ROS to cable
- 4 Direct connect to device, no patient cable required
- 5 Requires M-LNCS to LNC MAC adapter cable to connect ROS to cable
- 6 LNCS & M-LNCS connector, requires a patient cable
- 7 Direct connect to device, Masimo SET® & MAC

Minimum Software Requirements*

Device Parameter ▶	SpO ₂								SpHb/SpMet	SpCO/SpMet
	Cable ▶		Connector ▶			Cable ▶			Connector ▶	Connector ▶
	PC	LNC	LNC MAC	M-LNC	M-LNC MAC	Red PC	Red LNC	RC	RC	RC
ROS	MC8	DB9	DB9	M15	M11	MC8	DB9	M15	M15	M15
S-ROS = SpO₂										
LNCS S-ROS 3U	No Min	No Min	No Min	n/a	n/a	No Min	No Min	n/a	n/a	n/a
M-LNCS S-ROS 3U	No Min	No Min	No Min	No Min	No Min	No Min	No Min	7.1	7.1	7.1
S-ROS 12U, 14-pin	No Min ⁸	No Min ⁸	n/a	No Min ⁸	n/a	n/a	n/a	n/a	n/a	n/a
Red S-ROS 12U, 20-pin	n/a	n/a	n/a	n/a	n/a	7.1 ⁸	7.1 ⁸	7.1 ⁸	7.1 ⁸	7.1 ⁸
OEM S-ROS 12U	No Min ⁸	No Min ⁸	n/a	No Min ⁸	n/a	n/a	n/a	n/a	n/a	n/a
MAC S-ROS 12U	n/a	n/a	No Min ⁸	n/a	No Min ⁸	n/a	n/a	n/a	n/a	n/a
R-ROS = SpHb										
R2 ReSposable	No Min	No Min	n/a	No Min	n/a	No Min	No Min	7.1	7.4	7.1

Notes:

- Areas in white provide Masimo SET® SpO₂ ONLY
- Areas in red provide SpHb, SpMet, SpO₂ readings, if the device and DOS are capable of reading the parameters
- No Min** ROS will connect to cable or device and provide the parameter the device and DOS are capable of reading
- n/a** Not available; sensor will not physically connect to cable or device
- N** Sensor will connect to cable or device but will display "Invalid Sensor" message and will not provide any parameter readings

⁸ No patient cable required

* Masimo Technology Board Software Version, Sensor, and Sensor Cable combinations have been validated and tested for compliance per ISO 80601-2-61