

# Technical data

## Space<sup>plus</sup> MRI Station with Trolley / Space<sup>plus</sup> MRI Station

Parameter	Value									
Type of device	MRI System Rack for Space <sup>plus</sup> Infusion Pumps									
Product classification	<p>According to regulation EU 2017/745</p> <ul style="list-style-type: none"> <li>▪ I</li> </ul> <p>According to IEC 60601-1</p> <ul style="list-style-type: none"> <li>▪ Protection class I</li> <li>▪ Continuous operation</li> <li>▪ For type CF applied parts with defibrillation protection</li> </ul>									
MR Environment	<p>Compatible to MR static magnetic field strength</p> <ul style="list-style-type: none"> <li>▪ 1.5 T; 3.0 T (for general clinical purpose)</li> </ul> <p>Device position related to MR Scanner</p> <ul style="list-style-type: none"> <li>▪ Not to be used in the magnet bore of the MR Scanner</li> <li>▪ Distance: <math>\geq 1.5</math> m</li> <li>▪ Spatial magnetic gradient/fringe field: <math>\leq 20</math> mT / 200 Gauss</li> </ul> <p>Maximum SAR (specific absorption rate, averaged whole body)</p> <ul style="list-style-type: none"> <li>▪ 4 W/kg for 30 minutes of scanning</li> <li>▪ Temperature rise of less than 1 °C</li> </ul>									
Moisture protection	<p>IP23</p> <ul style="list-style-type: none"> <li>▪ Protected against solid objects over 12 mm</li> <li>▪ Protected from water spray less than 60° from vertical</li> </ul>									
Power supply	100 ... 240 V ~, 50/60 Hz									
Max. power consumption including infusion pumps at	<table border="1"> <thead> <tr> <th></th> <th>100 V ~</th> <th>240 V ~</th> </tr> </thead> <tbody> <tr> <td>Space<sup>plus</sup> MRI Station with Trolley</td> <td>80 VA</td> <td>115 VA</td> </tr> <tr> <td>Space<sup>plus</sup> MRI Station</td> <td>80 VA</td> <td>115 VA</td> </tr> </tbody> </table>		100 V ~	240 V ~	Space <sup>plus</sup> MRI Station with Trolley	80 VA	115 VA	Space <sup>plus</sup> MRI Station	80 VA	115 VA
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Interfaces	<p>Space<sup>plus</sup> MRI Station with Trolley, Space<sup>plus</sup> MRI Station</p> <ul style="list-style-type: none"> <li>▪ IEC plug type C14 (IEC 60320-1) for mains voltage</li> <li>▪ Terminal for Potential Equalization Conductor</li> </ul>									
Operating conditions										
Temperature	+5 ... +40 °C (+41 °F ... +104 °F)									
Relative air humidity	30 ... 90 % (without condensation)									
Atmospheric pressure	500 ... 1060 mbar									

Parameter	Value
Storage conditions	
Temperature	- 20 ... +55 °C (-4 °F ... +131 °F)
Relative air humidity	30 ... 90% (without condensation)
Atmospheric pressure	500 ... 1060 mbar
Dimensions (W x H x D) approx.	
Space <sup>plus</sup> MRI Station with Trolley	600 x 1950 x 645 mm
Space <sup>plus</sup> MRI Station	500 x 405 x 370 mm
Weight (W x H x D) approx.	
Space <sup>plus</sup> MRI Station with Trolley	52 kg
Space <sup>plus</sup> MRI Station	22 kg
Maximum load	
On shelf	3 kg / 6.6 lbs
On infusion pole	4.5 kg / 9.9 lbs
Maximum weight including safe working load	100 kg / 220 lbs
Internal battery	Lithium-ion battery (part no. 33170031-A) Minimum battery life: approx. 28 d Recharging time: typical 14 h
Safety and EMC	IEC 60601-1:2005 + A1:2012 + A2:2020 IEC 60601-1-2:2014 + A1:2020
Technical safety check	Every 24 months

**Essential performance:** Not applicable for the Space<sup>plus</sup> MRI Station with Trolley and Space<sup>plus</sup> MRI Station.

Possible configurations with dimensions

System	W [mm] approx.	H [mm] approx.	D [mm] approx.	Weight [kg] approx.
1 Space <sup>plus</sup> MRI Station with Trolley 4 Space <sup>plus</sup> infusion pumps	600	1950	645	60
1 Space <sup>plus</sup> MRI Station with Trolley 1 Space <sup>plus</sup> MRI Station 8 Space <sup>plus</sup> infusion pumps	600	1950	620	87