

*Tesla*Guard®

MRI-compatible patient monitor



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EN 13485

ISO 9001

MAMMENDORFER INSTITUT FÜR PHYSIK UND MEDIZIN MIPM





Tesla^{Guard}[®] Features

- ▶ Clear LCD-colour display
- ▶ Individually adjustable alarm parameters
- ▶ Clearly readable values even from greater distances
- ▶ Rugged sensors for everyday clinical life
- ▶ Integrated monitoring system for the strength of the magnetic field
- ▶ Fibre optic sensors
- ▶ For monitoring of neonates, pediatric and adult patients
- ▶ Interference-free images
- ▶ Mains and Battery operation during the MRI examination

Option Tesla^{Observer}[®]

Tesla^{Guard}[®] offers you the possibility of wireless data transfer to the control room

Option anesthetic agents and respiration

For a complete patient monitoring.

Optional analysis of anesthetic agents and respiration:

etCO₂, iCO₂, RRc, O₂, N₂O, etHAL, iHAL, etISO, iISO,

etENF, iENF, etSEV, iSEV, etDES, iDES

Automatic Agent Identification

Option IBP 2

You have the possibility to integrate a second IBP channel

Technical Features

Magnet types	All magnet types up to 3 Tesla (ask for higher field strength)
Display	170,9 mm x 129,6 mm / 6,6 x 5,0 inch
Dimensions (H x W x D)	295 x 372 x 355 mm / 11,6 x 14,6 x 13,9 inch
Weight	approx. 13 kg / approx. 28,6 lb
Number of Channels	4
Degree of protection against electric shock	Type CF
Battery operating time	180 min.

Basic Configuration: ECG

ECG-Leads	I, II, III (free selectable)
Measuring ranges	15 – 300 Beats/min.

SpO₂

Measuring ranges	1 – 100 %
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NIBP

Interval length	2,5; 3; 5; 10; 15; 20; 25; 30; 45; 60; 120; 240 Min.
Measuring ranges:	
Adults – 270 mmHg	10 – 250 mmHg
Pediatric – 180 mmHg	10 – 170 mmHg
Neonatal – 140 mmHg	10 – 130 mmHg

IBP

Measuring ranges	-50 mmHg to 399 mmHg
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Manufacturer

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