INVIVO MAGNITUDE MRI Vital Signs Monitor

PRODUCT DESCRIPTION

Patient monitoring in the MRI requires equipment that does not jeopardize patient safety, image quality, or patient throughput. Invivo, the worldwide leader in MRI patient monitoring since 1987, was first to provide patient vital signs monitoring designed specifically to operate safely and accurately in the MRI environment.

The Magnitude™ patient monitoring system is the complete solution for continuous monitoring of critical vital signs during MRI procedures. Magnitude's™ innovation and reliability has been perfected by Invivo"s™ commitment to MRI since 1987. It is the patient monitoring system recommended by leading MRI manufactures.

Magnitude™ is designed with a focus on reliability and durability. It has demonstrated ability to provide precise patient monitoring in magnetic fields of up to 5,000 Gauss. It features Solid State Infrared technology for EtCO2 and anesthesia agents measurement, the same technology used in anesthesia applications outside of MRI. An innovative leadwire system ensures performance while reducing the risk of heating from radio frequency current.

Innovation is at the soul of Magnitude™. It is the only MRI compatible monitor that features 2.4Ghz wireless technology and 8 hour battery capacity thus eliminating the need for installation in the MRI room and providing mobility unmatched by any other MRI patient monitor. Digital Signal Processing (DSP) and filtering removes MRI related artifact during all MRI procedures to provide enhanced ECG performance and gating. The proprietary digital cardiac and peripheral gating algorithms ensures the best possible MR image quality.

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