

WE ARE

# MRI Patient Care

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Technical Data Sheet



## *“Finally, an efficient way to transport our critical patients to the MRI”*

The days of transferring a patient from a traditional transport monitor to the MRI monitor in the hallway outside of the MRI suite is now a thing of the past. The IRadimed 3880 MRI patient monitor is a small, lightweight, and easy to use, designed to travel with the patient between the MRI and their care unit. These unique transport attributes increase MRI efficiency while decreasing the amount of time critically ill patients are away from their care unit.

## One Vital Signs Monitor For The Entire MRI Care Cycle

Portability is at the heart of the IRadimed 3880 MRI patient monitoring system. Transferring the patient to the MRI monitor in the originating department such as an Intensive Care Unit, Emergency Department or Anesthesia induction room reduces the need for unnecessary equipment transfers providing the following benefits:

- More efficient use of the MRI scanner and staff can improve throughput
- Continuity of care during intradepartmental patient transports
- Reduces the time that critical patients are away from the ICU



## 3880 Clinical Features

### Standard

- Wireless 5-Lead ECG
- Wireless Masimo™ SpO<sub>2</sub>
- SpO<sub>2</sub> Perfusion Indicator
- Non-Invasive Blood Pressure
- Tri-Colored Alarm Light

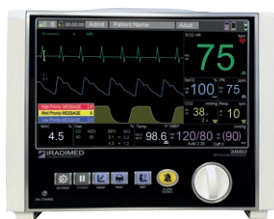
### Optional

- Water-Trapless EtCO<sub>2</sub>
- Dual Agent with Auto ID
- MAC
- O<sub>2</sub> and N<sub>2</sub>O
- Fiber-Optic Temperature
- Cardiac and Peripheral Gating

# Quality You Can Trust

IRadimed is a leader in MRI patient care with vast experience in MRI innovation. Roger Susi, our president and CEO, is the founder of Invivo Research where he pioneered the world's first and best selling MRI patient vital signs monitoring brand, as well as founding IRadimed Corporation, the world's first and best selling non-magnetic MRI infusion pumps and patient monitors.

The leadership team at IRadimed has a deep history in developing and advancing MRI patient care and is proud to introduce the world's first and only portable, MRI multi-parameter vital signs monitor that maintains the continuum of care throughout the patient's entire MRI care cycle. Below are a few of this team's most notable contributions to MRI patient care.



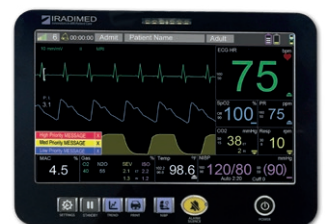
## MRI PATIENT MONITOR

- First and only portable multi-parameter MRI patient monitor
- Easy to use color touchscreen interface
- First and only 30,000 Gauss rated patient monitor



## WIRELESS VITAL SIGNS

- 3 or 5 Lead ECG
- Trusted Masimo® SpO<sub>2</sub>
- Extended battery operation
- Small and lightweight design



## CONTROL ROOM TABLET

- First and only Extended Range MRI control room tablet display
- Backup charging dock
- Non-Magnetic Design



## Lifelong Affordability

IRadimed understands the challenges that are facing health-care providers and has designed the 3880 MRI patient monitoring system around today's sensitive budgets. Consideration was taken into every aspect of the monitor design to lower acquisition cost and reduce the cost of ownership burden traditionally associated with MRI monitors in the following areas:

- Start up cost
- Per patient case cost
- Service & maintenance cost
- Hardware and software upgrades extending life
- Individual lead replacement instead of 'whole cable'

## SPECIFICATIONS

### System Components:

- MRI Patient Monitor
- Wireless ECG ePOD
- Wireless SpO<sub>2</sub> oPOD
- Extended Range Tablet (Optional)
- Communication Base Station (Optional)

### Vital Signs:

- ECG Leads I, II, III, V, AVL, AVR, AVF
- SpO<sub>2</sub> (Masimo®)
- SpO<sub>2</sub> Perfusion Indicator
- Non-Invasive Blood Pressure
- Side Stream EtCO<sub>2</sub>
- Respiration Rate
- Anesthetic Gases: Sevo, Iso, Des, Enf, Hal
- Gases: N<sub>2</sub>O, O<sub>2</sub>
- MAC
- Fiber-Optic Temperature

### Target Patients:

- Adult, Pediatric, Infant and Neonatal

### MRI Conditions:

- 30,000 Gauss
- 0.5 to 3 Tesla
- 4 W/kg SAR

### Data Management:

- Tabular Trends
- 2.4 GHz Spread Spectrum

### User Interface:

- 25.7 cm (10.1 inches) Touchscreen
- Quick-Touch Hard Keys

### Physical:

- Monitor  
23 cm x 29 cm x 12.7 cm  
4 kg
- Tablet  
19.6 cm x 26.7 cm x 4.5 cm  
1.6 kg
- PODS  
9.5 cm x 2 cm x 5.7 cm  
73 g



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