



MRidium™*
MR Infusion System

Delivers beyond the clinical challenges of the MR suite

The MRidium™* MR infusion system is the first and only non-magnetic infusion pump for the MR suite. Designed with a unique non-magnetic ultrasonic motor, the system is FDA-cleared to work at the 10,000 Gauss Line with up to 3.0 Tesla-strength magnets. The MRidium™* MR infusion system provides an IV pump solution to help clinicians overcome challenges in the administration of critical medications and anesthesia during MRI procedures.

The MRidium™* MR infusion system is distributed by Covidien in the United States and Canada. For sales of the system in other countries, please contact Iradimed at 407-677-8022 or visit www.iradimed.com.

Order Information

Description	Qty	Unit	Size	Order #	11 Digit NDC
Pump, non-magnetic infusion	1	each		MI3850	
Pump, non-magnetic infusion, remote-control ready	1	each		MI3850R	

Features and Benefits

Feature	Benefit
FDA-cleared to work at the 10,000 Gauss Line with up to 3.0 Tesla-strength magnets	May be positioned immediately next to the patient, minimizing the need for long-tubing workarounds that often result in extended set-up times, which may impact throughput in the MR suite.
Large LCD Display	Provides high visible and explanatory feedback.
Preprogrammed drug library	A preprogrammed library of drugs commonly used for sedation in the MR suite is included, along with an integrated dose calculator to aid in accurate and efficient programming of the pump.
Wireless remote control	The optional wireless remote control gives clinicians the freedom to operate the system from the control room – outside the MR suite. The remote control can be used to monitor and control all dosing parameters, including titration of patient meds. Please note: The remote control cannot be used in the MR suite.
Second-channel SideCar™* module	The second-channel SideCar™* module allows critically ill patients to remain on one or two IV medications, before, during, and after a MRI procedure. Continuous infusions facilitate uniform drug delivery throughout the procedure. Each channel can deliver medications via syringe, bag, or bottle, based on clinician needs.
Operates on AC or battery power	The system has 2 power sources: internal battery power and separate alternating current (AC) charger / power supply, which provides maximum uptime.
Extra long life battery	Pump will operate for > 12 hours at <125 mL/hr rate

Frequently Asked Questions

Question

Answer

How close can the pump come to the MR scanner?

The system is FDA-cleared to work at the 10,000 Gauss Line with up to 3.0 Tesla-strength magnets. The 10,000 Gauss Line is within the shielded portion of the scanner. Magnet strength is measured starting at the center of the scanner, outward.

What does "remote ready" mean?

"Remote ready" identifies the pump as equipped to communicate with a wireless remote. If your pump is not labeled as "remote ready," the system is not equipped to communicate with a wireless remote and will require a service update.

Can I use other brands of infusion sets with MRidium™* MR infusion system?

Every pump uses its own proprietary tubing. The MRidium™* MR infusion system utilizes only MRidium™* infusion sets; product codes MI1055, MI1056, MI1057. The Bypass set (MI1055) will attach to your hospital tubing at the upper and lower Y sites, making a circuit around the original hospital tubing so it does not need to be discarded or disconnected from the patient.

Is the IV pole non-magnetic?

Yes

Does the MRidium™* infusion system have a drug library or can we program certain drug infusions?

The MRidium™* MR infusion system is equipped with a dose rate calculator on the menu which can be used with any drug. The dose rate calculator allows the clinician to calculate a dose rate for continuous infusion given concentration and dosage orders. By utilizing the dose rate calculator, you will not have to search through a lengthy list of IV medications.

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