

Spectris Solaris® EP

MEDRAD MR

MR Injection System



*“Easy to operate.
Shortens time
and increases
productivity”*

MEDRAD®
Performance. For life.™

"The people and products you rely on. The name you trust."

MRI Solutions You Trust.

MEDRAD offers a comprehensive array of MR compatible products, including injection systems, infusion systems, monitors and coils. MEDRAD's products known for their safety, performance and reliability are backed by our world class customer support.

"I wish everything worked like my MEDRAD."



Performance. For life. Since 1964, MEDRAD has been developing products that clinicians worldwide rely on to provide outstanding performance every time they're used. Performance that helps physicians diagnose patients more accurately and, ultimately, deliver quality patient care. You will find that same level of performance – along with the high level of customer support you've come to expect from MEDRAD - in the new Spectris Solaris EP Magnetic Resonance Injection System.



Spectris Solaris[®] EP

MR INJECTION SYSTEM

The Leader Advances

MEDRAD takes the performance of the world's leading MR power injection system to new heights with Enhanced Performance capabilities, 3T compatibility and uncompromised ease of use with even more flexibility than before.

Ease of Use

- Optimized color touch-screen with few keystrokes.
- Six user-programmable phases for added flexibility.
- Independent Keep Vein Open (KVO) allows more time to focus on the patient.
- Larger 115 ml saline syringe allow for longer KVO & multiple flushes.

Reliability

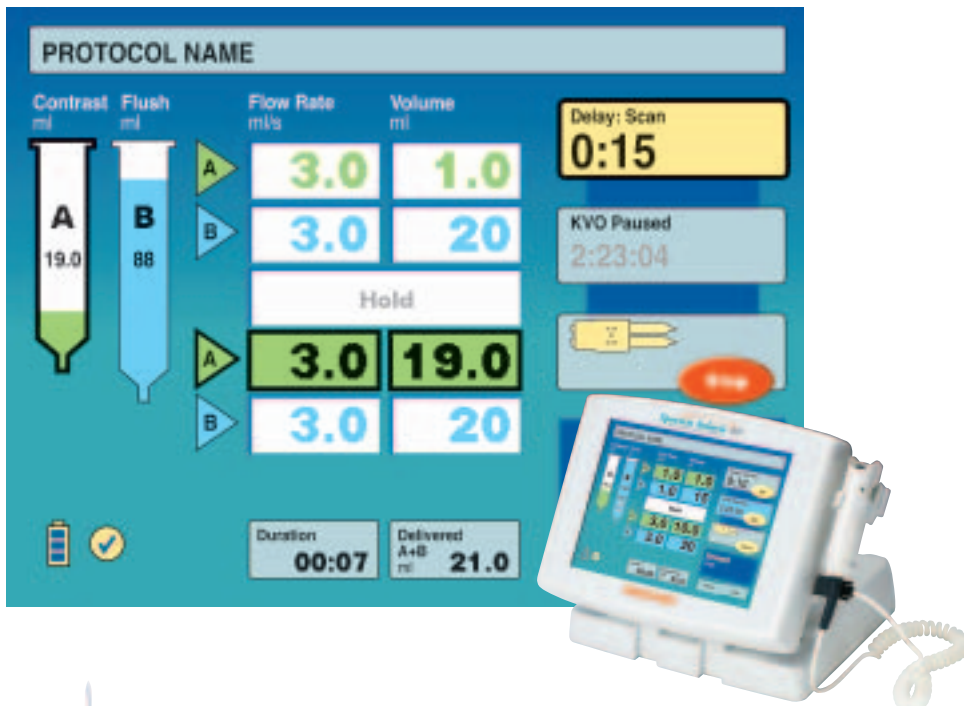
- Longer battery life with increased capacity.
- Confidently backed by MEDRAD, with trusted reputation for support and unmatched reliability.

Safety

- Fiber Optic technology enables direct, reliable communication.
- Designed for use in all MR Scanner field strengths up to and including 3T.



"Very reliable and user-friendly"



"The display is easy to read and there are less pages to go through for programming."



Contrast-efficient disposable system, maximizing contrast delivery

- 65 ml contrast and 115 ml saline syringes are designed as an integral part of the total fluid delivery system.
- Design of low pressure tubing eliminates dead space in the "T" connection that can waste contrast.
- The clear barrel design with molded FluidDots® help detect the presence of air in a syringe.

Flexibility

The Integrated Continuous Battery Charger (iCBC) Option

Add the iCBC Option to your MEDRAD Spectris Solaris EP and gain the ultimate in power flexibility.

- Convenient design maximizes operator efficiency by not having to change the battery.
- Easily switch between battery power and iCBC in seconds for added power flexibility.
- Flexible installation options of either in-room or out-of-room for added convenience.



Backed by MEDRAD reliability, support and service

- Legendary product reliability
- Unmatched after-sales support
- Knowledgeable and reliable technical service
- Ask about MEDRAD's Preventive Maintenance™ Programs and Extended Warranties



"They truly have a philosophy of taking care of the patient, to better the outcome for the patient."



System Specifications

Components	Dimensions
Control Room Unit	11.995" (30.46 cm) W (screen up)
Base Unit	11.80" (29.97 cm) W (screen up)
	10.922" (27.91 cm) H (screen & base)
	9.25" (23.5 cm) H (screen up)
	10.5" (26.67 cm) D
Battery Pack	2.1" (5.3 cm) W
	4" (10.2 cm) W
	5" (12.7 cm) H
	8.2" (20.8 cm) H
Battery Charger with Bracket	11.5" (29.21 cm) D
	1.59" (4.03 cm) H
	3.05" (7.74 cm) W
Scan Room Unit	5.08" (12.90 cm) D
	52.25" (132.71 cm) H
	19.25" (48.89 cm) W
	21.5" (54.61 cm) D

Electrical

Electrical	100-240 VAC
Requirements	50-60 Hz 250 VA
Electrical Leakage	Unit < 100 microamperes Patient < 10 microamperes

Disposable Syringe Kit for Spectris Solaris EP

Catalog Number	SSQK 65/115vs
Contents	65 ml Qwik-Fit Syringe® Disposable for Contrast Media
	115 ml Qwik-Fit Syringe® disposable for Saline
	One Large Spike for Saline
	One Small Spike for Contrast Media
	96" Low Pressure Connector Tube with T-connector and Check Valve

System Capabilities

Volume: Syringe A	0.5 ml to maximum syringe volume in:
	0.1 ml increments between 0.5 and 31 ml
	1 ml increments for 31 ml and above
Syringe B	1 ml to max. syringe volume in:
	1 ml increments
Flow Rate (Programmable)	0.01 to 10 ml/s in:
	0.01 ml/s increments between .01 and 3.1 ml/s
	0.1 ml/s increments between 3.1 and 10 ml/s
KVO (Programmable)	15 seconds
	20 seconds
	0.25 ml pulsed every 30 seconds (default)
	45 seconds
	60 seconds
	75 seconds
Pressure Safety Limit	Factory set not to exceed 325 psi (2240 kPa)
Delay	1 to 300 seconds in 1 second increments
Pause Phase	1 to 900 seconds in 1 second increments
Injection Capabilities	6 phases per protocol
Storage Capacity	32 protocols of up to 6 phases each
	Protocol and user configuration memory is maintained when system power is turned off

MEDRAD reserves the right to modify the specifications and features described herein, or discontinue manufacture of the product described at any time without prior notice or obligation. Please contact your authorized MEDRAD representative for the most current information.

MEDRAD, Inc. is ISO 9001/ISO 13485 Certified.

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The Malcolm Baldrige National Quality Award is our nation's premier award for performance excellence and quality achievement. Established in 1987 and named after the former Secretary of Commerce, the Baldrige Award recognizes exemplary achievements in seven areas: leadership, strategic planning, customer and market focus, measurement, analysis and knowledge management, human resource focus, process management and business results. The U.S. Commerce Department's National Institute of Standards and Technology (NIST) manages the Baldrige National Quality Program in close cooperation with the private sector. The award is traditionally presented by the President of the United States in a special Washington, D.C. ceremony.

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