



## Spectris Solaris® EP

MR Injection System

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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, 3.0T 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

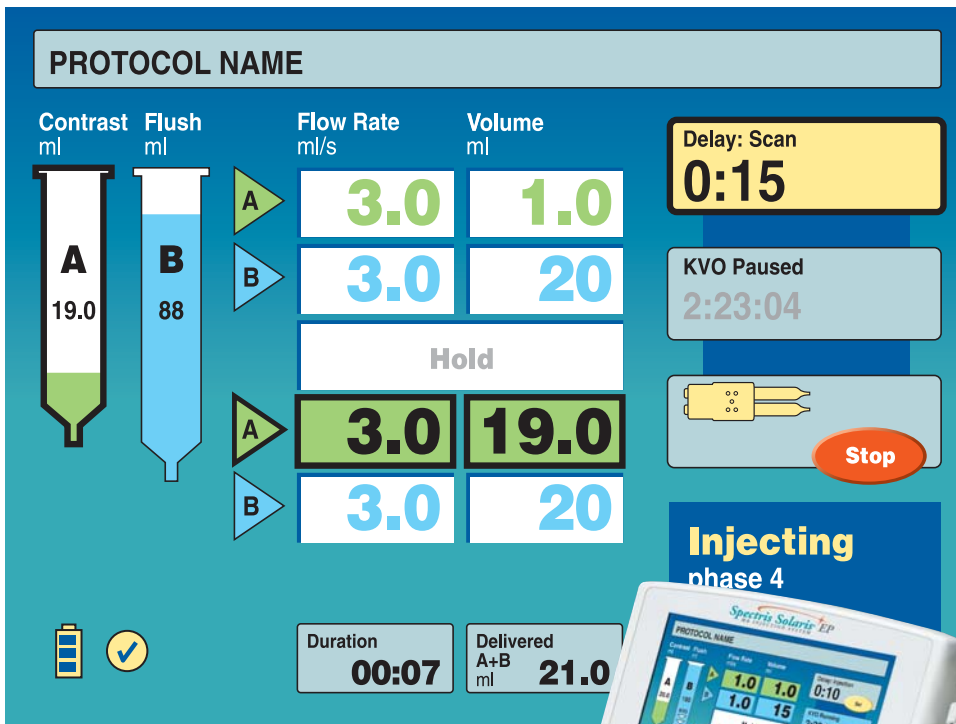
- Longer battery life with increased capacity.
- Confidently backed by MEDRAD, with trusted reputation for support and unmatched reliability.

### Safety

- Fiber Optic technology enables direct, reliable communication.
- Designed for use in all MR Scanner field strengths up to and including 3.0T.



*"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)

- 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 Predictive Maintenance Programmes and Extended Warranties

*“They truly have a philosophy of taking care of the patient, to better the outcome for the patient.” \*\**

## Why should I upgrade my Spectris to the new Spectris Solaris EP?

### Latest technology to capitalize on current and emerging MR studies

- **Spectris Solaris EP:** Approved for all commercial MRI environments (up to 3.0T)
- **Spectris:** Only approved for use up to 1.5T

### Greater efficiency and accuracy

- **Spectris Solaris EP:** The only MR injection system commercially available offering six user-defined phases, including both hold and pause phases
- **Spectris:** Longer set-up time and less protocol programming flexibility when performing test injection and actual contrast injection

### Increased automation

- **Spectris Solaris EP:** Independent KVO function minimizes risk of inadvertent contrast delivery.
- **Spectris:** Requires multiple hand-switch activations for KVO and contrast injection

**Moving to the Spectris Solaris EP results in a more streamlined MRI suite by combining improved technology, flexibility, and ease-of-use while also simplifying the logistics of training and syringe/ disposable ordering.**

## 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
Scan Room Unit	37" (94 cm) H
	11.25" (28.6 cm) W
	57.5" (146 cm) D
Power Supply	2.5" (6.35 cm) H
	14.3" (36.32 cm) W
	6.7" (17.02 cm) D
<b>Electrical</b>	
Electrical Requirements	100-240 VAC 50-60 Hz 350 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.

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\*\*Based upon 2003 - 2004 FSC (Flaherty, Sabol & Carroll) Communications research.

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