



Ease-of-Use and Reliability

- Optimized color touch-screen with few keystrokes
- Longer battery life with increased capacity
- Fiber optic technology enables direct, reliable communication

medrad® Spectris Solaris® EP
MR Injection System

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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.

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.



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



PROTOCOL NAME

Contrast ml	Flush ml	Flow Rate ml/s	Volume ml
A 19.0	B 88	A 3.0	1.0
		B 3.0	20
Hold			
A 19.0	B 20	A 3.0	19.0
		B 3.0	20

Delay: Scan
0:15

KVO Paused
2:23:04

Stop

Injecting phase 4

Duration **00:07** Delivered A+B ml **21.0**

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 reduces 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.



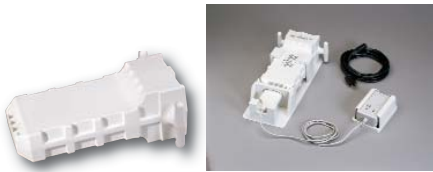
“The display is easy to read and there are less pages to go through for programming.”



Dual syringe kit plus 60" low pressure T-tubing with prime tube and two fill spikes

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 11.5" (29,21 cm) D
Battery Charger with Bracket	1.59" (4,03 cm) H 3.05" (7,74 cm) W 5.08" (12,90 cm) D
Scan Room Unit	37" (94 cm) H 11.25" (28,6 cm) W 146 cm (57.5") D
Power Supply	2.5" (6,35 cm) H 14.3" (36,32 cm) W 6.7" (17,02 cm) D



Electrical

Electrical	100-240 VAC
Requirements	50-60 Hz 350 VA
Electrical Leakage	Unit < 100 microamperes Patient < 10 microamperes

Disposable Syringe Kit for Medrad® Spectris Solaris® EP

Catalog Number	SSQK 65/115vs
Contents	65 mL Medrad® Qwik-Fit Syringe® Disposable for Contrast Media 115 mL Medrad® 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
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KVO (Programmable)

0.25 mL pulsed every	15 seconds 20 seconds 30 seconds (default) 45 seconds 60 seconds 75 seconds
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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



Backed by Medrad reliability, support and service

- Legendary product reliability
- Exceptional after-sales support
- Knowledgeable and reliable technical service
- Ask about Medrad's Predictive Maintenance Programs and Extended Warranties

Enhanced Performance Capabilities



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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 Bayer HealthCare representative for the most current information.

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

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