

Efficient. Smart. My MR Injector.

Comparison Guide

MEDRAD® Spectris Solaris EP > MEDRAD® MRXperion

- Saves time
- Increases confidence
- Enhances patient care

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Clear Direction. > From Diagnosis to Care.

MEDRAD® MRXperion
MR Injection System

**MEDRAD® Spectris Solaris EP
MR Injection System**



**Manually
Reliable**



**MEDRAD® MRXperion
MR Injection System**



**Automatically
Reproducible**

MEDRAD® MRXperion's automatic features have raised the standards on safety, ease-of-use and connectivity.

MEDRAD® Spectris Solaris EP



MEDRAD® MRXperion

SAFETY



- > Manual calculation of dose and eGFR
- > Manual priming

- > On board calculators for weight-based dose and eGFR
- > Automatic safety features such as priming, test inject and KVO

USAGE



- > Manual alignment of syringes
- > Manual piston movement
- > Manual syringe filling

- > Automatic lock of syringes
- > Automatic piston movement
- > Automatic filling according to protocol
- > Pressure graph
- > Reminders

HEALTHCARE IT



- > Additional hardware needed**

- > Automatically capture contrast media information with barcode reader*
- > Access to Modality Worklist*
- > Automatic data capture and data transfer to PACs, RIS, Speech Recognition*
- > Contrast usage analysis*

* Available as an option in select markets

** For connectivity with VirtualCare only. No additional informatics capability can be added to SSEP.

MEDRAD® Spectris Solaris EP



MEDRAD® MRXperion



DOSE CALCULATION

Manual calculation
External charts and resources for weight-based dosing and eGFR calculations

00:10

On-board calculation
eGFR and weight-based dosing calculators

00:05

SYRINGE INSTALLATION

Manual installation
Manually align and lock syringes

00:10

Snap & Go Syringes
Automatic locking and alignment of syringes

00:05

DOCKING

Manual docking of syringes
Manually advance pistons

00:15

Auto docking of syringes
Auto advance of pistons

00:10

LOADING

Manual loading fluid
Using syringe markings

00:20

Auto loading fluid
With programmed fluid volumes

00:10

PRIMING

Manual prime
Manually purging air

00:10

Auto prime
Automatically purging air

00:05

INJECTION

Manual monitoring of injection
Select phase and monitor injection progress

Automated audio and visual cues
Real-time monitoring of injection using pressure graph

PISTON RETRACT

Manual retract
After syringes are removed

00:25

Auto retract
After syringes are removed

00:05

TOTAL ELAPSED TIME



Manual workflow steps
Manual workflow keeps resources tied up

01:30

Enhancing patient care
Automated features allow for more time with patients

00:40

MEDRAD® MRXperion MR injection System with automated workflow increases ease of use, saves time and enables the hospital staff to focus their attention on patient care.