A smart addition to your team

Introducing our MR SMART Injection System:

- Streamlined for workflow efficiency
- Seamless network connectivity with MR Informatics
- Real-time support and remote Service capabilities available

MEDRAD® MRXperion™

MR Injection System

Make the smart move.

Medrad® MRXperion™ MR Injection System is a smart performer in the MR suite, delivering contrast fluid and management.

Streamlined Injection Workflow

Less time preparing for the injection and more time to focus on the patient and optimize procedure management.

Seamless Network Communication with Radimetrics™ Enterprise Platform for Contrast Dose Management

Connect with the Radimetrics™ Enterprise Platform for automated documentation and viewable patient histories to enhance operational consistency.

Convenience at Point of Care

On-board eGFR and Weight Based Dosing Calculators, an Injection Pressure Graph and independent Test Inject and KVO functions are convenient features located right on the Injection System.

Real-time Support

Connect to VirtualCare® Remote Support** for advanced injector system diagnostics, seamless software updates and fast repairs.

Deliver with Confidence in Quality

The next generation in MR consumables Bayer stands behind. Designed, tested and warranted as part of the Total MR SMART Injection System.

Injection control within scan room

Illuminated fluid volume indicators

Convenience tray for syringe kit and supplies

Medrad® MRXperion™ Injection System provides tools that can help with:

Improved Efficiencies

For Workflow and Automated Fluid Delivery

- Snap-on/twist-off syringe design
- Automatic plunger advance and retract when attaching and detaching syringes
- Automatic filling and priming
- Injection pressure graph

Personalized Care

Through Convenience at Point of Care

- Patient-Centric workflow design
- Modality worklist connectivity*
- Protocol storage/retrieval
- On-board eGFR and Weight Based Dosing Calculators
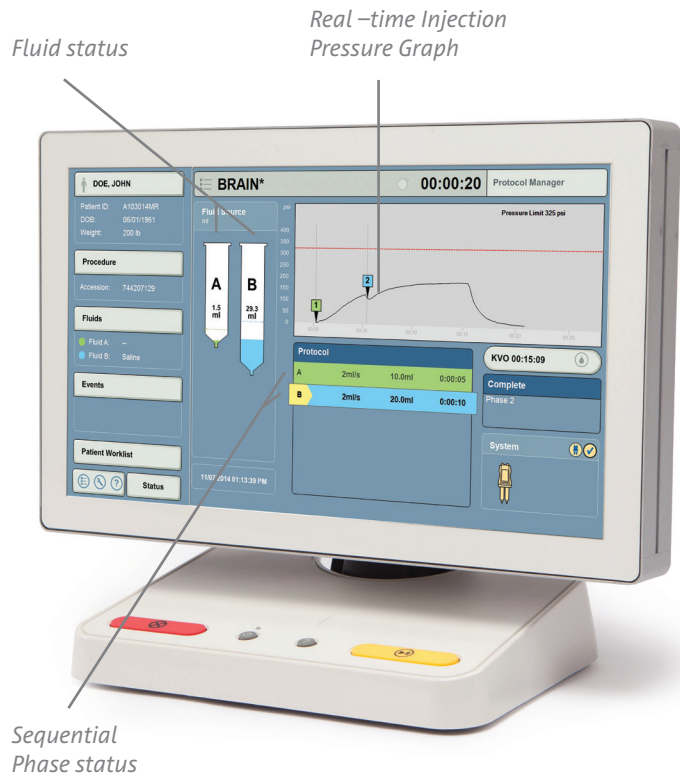- Injection enabled when head is tilted down

Reproducible Quality

To Enhance Operational Consistency

- Proven company track record of design and performance
- Automated data capture*
- Interface with PACS/RIS/SR*
- Export DICOM secondary capture to PACS*

Requires Radimetrics™ Enterprise Platform
*** Included during warranty period when activated. Additional coverage available for purchase.*

Fluid status

Real –time Injection Pressure Graph

Sequential Phase status

All backed by On-site Field Service and VirtualCare® Remote Support for advanced injection system diagnostics and real-time support.**

Specifications

Dimensions:

Control Room Unit	15.75" (40.00 cm) W 13.46" (34.19 cm) H 10.23" (25.98 cm) D 19.2 lbs (8.8 kg) Weight
Scan Room Unit	23.30" (59.0 cm) W 71.40" (181.0 cm) H 23.30" (59.0 cm) D 95.7 lbs (43.4 kg) Weight
Power Supply	7.60" (19.0 cm) W 3.40" (9.0 cm) H 15.40" (39.0 cm) D 5 lbs (2.3 kg) Weight

Electrical:

Voltage Requirements	100-240 VAC (50/60Hz) 120VA - 210VA
Electrical Leakage	Unit <100 microamperes Patient <100 microamperes Earth <500 microamperes

System Capabilities:

Syringe Capacities	**Syringe A**: 65mL **Syringe B**: 115mL
Programmable Volume range (mL)	**Syringe A**: 0.5mL to max syringe volume in: 0.1mL increments from 0.5mL to 31mL 1mL increments above 31mL **Syringe B**: 1 mL to max syringe volume in 1mL increments
Programmable Flow Rate range (mL/sec)	0.01 to 10 mL/s in: 0.01 mL/s increments between 0.01 and 3.1 mL/s 0.1 mL/s increments between 3.1 and 10mL/s
KVO (Keep Vein Open)	6 factory presets of 0.25mL every 15, 20, 30, 45, 60 or 75 sec
Test Inject	Configurable from 0.5 mL to 20 mL in 0.1 mL increments

System Capabilities (continued):

Pressure range (psi)	6 factory presets from 100 to 325 PSI or, 690 to 2240 kPa
Injection / Post Injection Reminders	Up to 5 settings of 1 sec to 20 minutes in 1 sec increments
Injection protocol storage	60 protocols up to 6 phases each
Injection Hold / Pause	Up to 20 minutes in 1 sec increments
eGFR Calculator	**For adults**: MDRD, Cockcroft-Gault, Modified Cockcroft-Gault and CKD-EPI methods **For children**: Bedside Schwartz method
Weight Based Dosing Calculator	User Configurable
Informatics Connectivity Capability	Yes, with optional Radimetrics™ Enterprise Platform
Remote Service Capability	Yes, with optional VirtualCare® Remote Support
Mounting	Floor Pedestal - Includes integrated IV Pole

Accessories:

IV Pole	Choice of adjustable height Single Hook or fixed height Double Hook IV Pole

Ordering Information:

Injector System:	Catalog # MRXP 200: Medrad® MRXperion™ MR Injection System
Disposable Syringe Kit:	Catalog # XP 65/115 VS

Contents:

65mL Syringe for contrast media

115mL Syringe for Saline

One large spike for saline

One small spike for contrast media

96" Low Pressure Connector Tube
with T-connector and check valve