



A Smart Addition to Your Team



Introducing our MR SMART Injection System:

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

medrad® MRXperion
MR Injection System

Make the Smart Move.

MR Imaging Solutions start here...

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

Streamlined Injection Workflow. Contrast Media Prefilled Syringe Adaptor now available

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

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

Option to 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, independent Test Inject and Keep Vein Open (KVO) functions are convenient features located 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, and tested as part of the Total MR SMART Injection System.



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 flow rates programmable in 0.1ml/s increments
- Injection pressure graph

Personalised 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

Reproducible Quality

To Enhance Operational Consistency

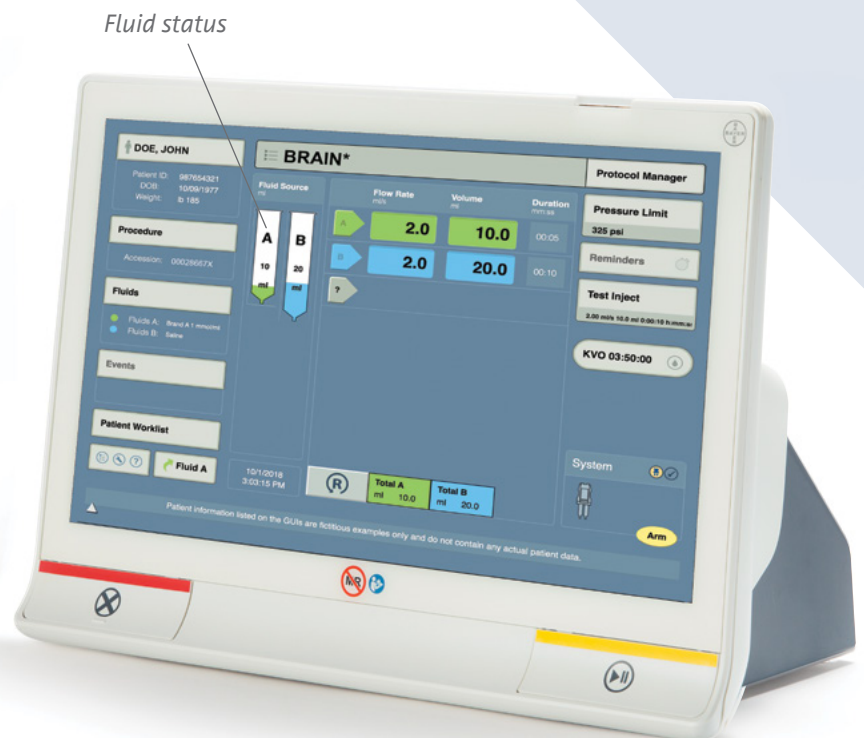
- Proven company track record of design and performance
- Automated patient, scan data capture** and contrast details captured with optional 2D barcode reader
- Interface with PACS/RIS/SR**
- Export DICOM secondary capture to PACS**

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

* Requires Radimetrics™ Enterprise Platform

** Optional Informatics Package

^ Included during warranty period when activated. Additional coverage available for purchase.



Specifications

Dimensions:

Control Room Unit	15.12" (38.40 cm) W 10.76" (27.33 cm) H 7.94" (20.17 cm) D 15.8 lbs (7.2 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: 65 mL Syringe B: 115 mL
Programmable Volume range (mL)	Syringe A: 0.5 mL to max syringe volume in: 0.1 mL increments from 0.5 mL to 31 mL 1 mL increments above 31 mL Syringe B: 1 mL to max syringe volume in 1 mL 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 10 mL/s
KVO (Keep Vein Open)	6 factory presets of 0.25 mL 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:

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

Ordering Information:

Catalog # MRXP 200: MEDRAD® MRXperion MR Injection System:

Disposable Syringe Kit:

Catalog # XP 65/115 VS

Contents:

- > 65 mL Syringe for contrast media
- > 115 mL 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

Catalog #XP 115

Contents:

- > 115 mL Syringe for Saline
- > One large spike for saline
- > 96" Low Pressure Connector Tube with T-connector and check valve



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