



# 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.

Fluid status



# 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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