



The **Medrad Spectris SHS 200** MR injector is used for performing intravenous injections of MR contrast medium and common flushing solutions via the peripheral venous system with a Magnetic Resonance Imaging Scanner of up to 1.5 Tesla field strength magnet. The Spectris MR injection system is a flow-controlled system. The flow rate that is selected on the DCU is the flow rate at which the injector will deliver contrast for the duration of the injection.

Features

- Injector head holds two disposable 63 ml front load syringes.
- Two manual adjustment knobs.
- Lighted indicators on the back of the injector head to display which syringe is armed or injecting.
- Injector head and stand weighs 37.5 lbs.



*Full System



Specifications

Dimensions

Injector Head/Stand

Height: 53.13" (135 cm)
Width: 18.63" (47.3 cm)
Depth: 18.63" (47.3 cm)
Weight: 37.5 lbs (16.8 kg)

HCU

Height: 9.13" (23.2 cm)
Width: 10" (25.4 cm)
Depth: 12.63" (32 cm)

Battery Pack

Height: 2.38" (6 cm)
Width: 9.25" (23.5 cm)
Depth: 5" (12.7 cm)

OTR

Height: 1.5" (3.8 cm)
Width: 4.5" (11.4 cm)
Depth: 2" (5.1 cm)

Electrical Requirements

VAC: 120-240 VAC

Hz: 50/60 Hz

VA: 250 VA

System Capabilities

Syringe A: Disposable 63 ml

Syringe B: Disposable 63 ml

Flow/Pressure

Flow Rate: 0.1 - 10 ml/sec in 0.1 ml/sec increments

KVO: 0.25 ml at 1 ml/sec every 30 seconds

Volume: 1 - 63 ml in 1 ml increments

Pressure Limit: Factory set at 300 PSI

Delay: 00:00 sec - 59:59 min.

Fluid Delivery Performance

Volume Range: 1 ml to 63 ml for syringe A or B; 1 ml increments

Accuracy: Over a full injection + 1% of programmed volume and ± 1 ml.

Flow Rate Range: 0.1 to 10 ml/sec in 0.1 ml/sec increments

Accuracy: $\pm 10\%$ of programmed volume and + 0.02 ml/sec during any non-pressure limited interval of stead flow

