



Your Intelligent, Total Fluid Delivery System

- ◆ Quick and easy syringe installation
- ◆ Integral auto-load
- ◆ Saves time and increases throughput capability

Sx Single Xpanded

Intelligent, Intuitive, Innovative

For four decades, Bayer's R&I business has been changing the way medicine is practiced by developing some of the most technologically-advanced medical devices in health care. Now we continue our tradition of contrast delivery innovation with the Medrad® Stellant® Sx Injection System. Medrad Stellant Sx is the result of listening to and meeting the needs of health care professionals in the most demanding CT environments.

Medrad's Stellant® Sx is the Right Choice for the CT Environment of Today and Tomorrow

Prime Button

- Pushes a predetermined amount of contrast into the tubing to displace air.

Remote Check For Air

- Prompts user to confirm that no air is in fluid path at the injector head to reduce risk of an air injection.

Remote Arming

- Arm the injection system at the injector head.

Syringe Design Saves Time and Increases Throughput Capability

Quick and Easy Syringe Installation

- Simply snap the syringe on in any orientation.
- Plunger advances automatically if contrast syringe is empty.
- Just twist to remove the syringe following the procedure – plunger will retract automatically into position for the next case.

Integral Auto-load

- Simply connect the fluid path, and the syringe is automatically loaded with the volume of contrast required for the protocol.

Priming Tube

- Prime tube captures fluid overflow to minimize drip and mess during priming.



The Medrad® Stellant® Injection System User Interface Provides Many Powerful Features

The Medrad® Stellant® Interface was designed from the ground up to be intuitive and user-friendly.



Color Touch Screen

- Color touch screen makes all system operations more intuitive and easier to view.
- Easy-to-read, anti-glare screen.
- Move easily from page to page without scrolling.
- Stores and recalls up to 32 different protocols.



Pressure Monitor Graph

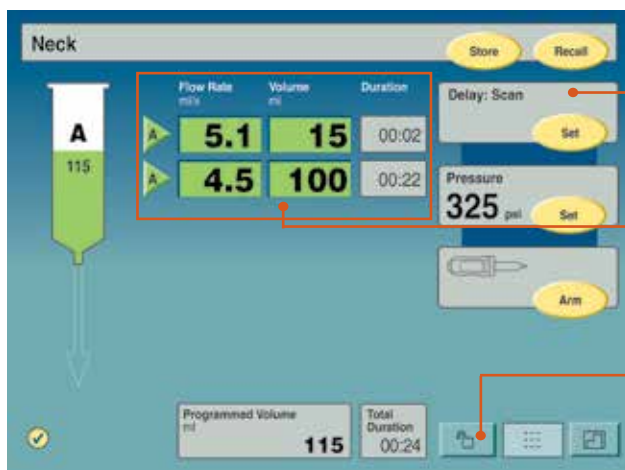
- Displays the pressure being developed in the syringe during an injection.
- Allows operator to monitor the injection by providing real-time visual graph of pressure.

Flow Profile

- Provides a real-time graphic display of the entire injection profile. You will always know at a glance what has been programmed, and where the injection system is in the delivery of the protocol.

Stop-Watch Feature

- Timer starts when the injection is initiated. This feature is especially useful to time the start of a delayed phase scan.



Scanning Delay

- Enables pre-set or injection delay to synchronize with the scanner.

Multi-phase Option

- Up to six phases and Hold & Pause options permit full capability for today's complicated scan protocols.

Protocol Lock

- Current protocol can be locked at the display to enable remote arming and injections from the patient's side.



System Specifications

Injection Specifications

Flow Rate (range & increments)	0.1 to 10 mL/sec in 0.1 mL increments
Volume (range & increments)	1 mL to syringe capacity in 1 mL increments
Programmable Pressure Limit (psi/kPa) psi/kPa	200 mL syringe: 325 psi, 2241 kPa
Scanning Delay	0-300 seconds (5 minutes) in 1 second increments
Pause	1-900 seconds (15 minutes) in 1 second increments
Hold	Maximum HOLD time is 20 minutes
Syringes (Volume capacity)	200 mL sterile disposable syringe
Maximum Number of Phases	6
Maximum Number of Protocols	32

Miscellaneous Specifications

Electrical Requirements (VAC/Hz)	100-240 VAC, 50/60 Hz
Syringe Heater Range	95 degrees F +/-9 degrees 35 degrees C +/-5 degrees
Head Mounting Options	Overhead Counterpoise System or Floor Pedestal (Floor Pedestal includes an Integral IV Pole)

Mechanical Specifications

	Height	Width	Depth	Weight
Single Injector Head	6.1" (15,5 cm)	8.6" (21,8 cm)	14.5" (36,8 cm)	12 lbs (5,4 kg) <i>(without syringe)</i>
Display Control Unit with stand	13.5" (34,3 cm)	12.5" (31,9 cm)	8.9" (22,5 cm) <i>Screen only = 3.4" (8,6 cm)</i>	8.2 lbs (3,7 kg)
Base Unit	11.5" (29,2 cm)	11.0" (27,9 cm)	8.8" (22,2 cm)	13.6 lbs (6,2 kg)

Ordering Information

Systems listed include all standard cabling

Catalog Number: SCT 121

Medrad® Stellant® Sx Injection System
with Pedestal Head Mount

Catalog Number: SCT 122

Medrad® Stellant® Sx Injection System
with Counterpoise System

Backed by Bayer reliability, support and service

- Legendary product reliability
- Exceptional after-sales support
- Knowledgeable and reliable technical service
- Ask about the Bayer Predictive Maintenance Programs and Extended Warranties

Enhancing Your CT Practice



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