STELLANT™

CT Injection Systems

Your Intelligent,
   Total Fluid Delivery System

S^X

200

STELLANT

MEDRAD

STELLANT

MEDRAD®

STELLANT™

C T   I n j e c t i o n   S y s t e m s

For four decades, Medrad has been changing the way medicine is practiced, by developing some of the most technologically advanced medical devices in healthcare. Now we continue our tradition of contrast delivery innovation with the Stellant Sx Injection System. Stellant Sx is the result of listening to and meeting the needs of healthcare professionals in the most demanding CT environments.

S^X Single Xpanded

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
- 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.

Improved Syringe Design Saves Time and Increases Throughput Capability

Quick and Easy Syringe Installation
- Simply snap the syringes 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
- Mini reservoir captures contrast or saline overflow while priming patient tubing.

The New Stellant User Interface Provides Many Powerful Features

The Stellant Interface was designed from the ground up to be the most intuitive and user-friendly system available.

Color Touch Screen
- State-of-the-art 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 reduce patient risk 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.

Scan Delay
- Enables preset or injection delay to maximize synchronization 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 to enhance safety.

STELLANT™

CT Injection Systems

S^X

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	200 ml syringe: 325 psi, 2241 kPa
Scan 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) *(without syringe)*
Display Control Unit with stand	13.5" (34,3 cm)	12.5" (31,9 cm)	8.9" (22,5 cm) *Screen only = 3.4" (8.6 cm)*	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
Stellant Sx Injection System with Pedestal Head Mount

Catalog Number: SCT 122
Stellant Sx Injection System with Counterpoise System