



Stellant® D Dual Syringe

Injection System

Intelligent, Intuitive, Innovative

Stellant D is the smart choice for dependable performance exactly when you need it - during critical CT contrast exams, where accuracy is vital and real-time injection graphics are indispensable. The Stellant D Dual Syringe CT Injection System is consistently reliable, easy to use and offers enhanced safety features in every component, from the dual syringe capability, to the priming tube, to the interface.

Dual Syringe design delivers accuracy and reliability.

Stellant D provides saline flush capabilities and robust protocol options for the most advanced clinical applications:

- Designed for complex CTA and Cardiac CT protocols
- Creates a tight contrast bolus for better visualisation
- Enables precisely timed contrast delivery

Variable Motion Ratios

Stellant D with DualFlow option is more than a saline flush after a contrast bolus. Now you can inject both contrast and saline at the same time. The key is the simultaneous injection capability of the DualFlow option. DualFlow enables variable ratios of plunger motion from the contrast and saline syringes simultaneously. With the proper ratio, left and right heart ventricles can be illuminated uniformly for improved image quality.¹

With DualFlow you can:

- Control attenuation levels in both ventricles
- Minimize artifacts
- Visualize right coronary arteries and right ventricle in a single study

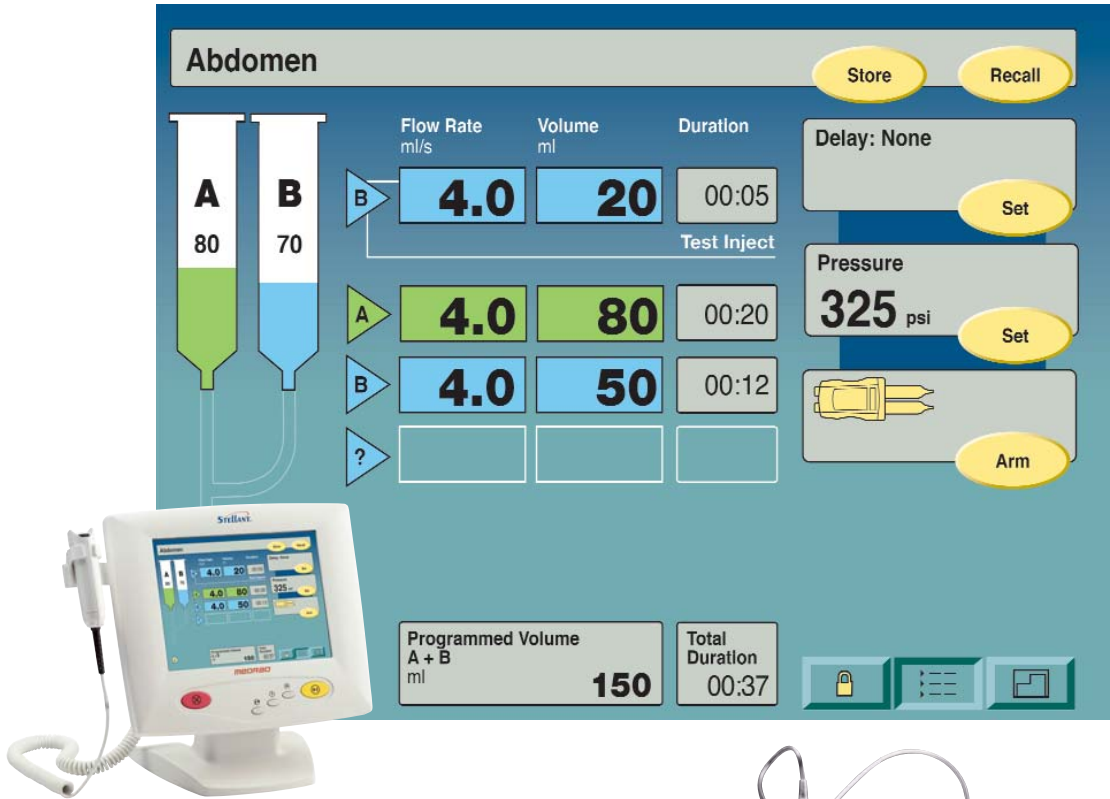


Real-time display of injection pressure in graph form

¹ Sablayrolles, J-L, "Cardiac CT: Experience from Daily Practice", Advanced CT, Aug 2004: 4-10.



"The Stellant D dual-technology has really helped improve the quality of CT Angiography studies that we do."



The Stellant D safely increases throughput

The Stellant D interface was designed to save time during setup and injection with the most user-friendly system available:

- Designed for bulk delivery
- Snap-on / twist-off syringe design
- Automatic plunger advance and retract when attaching and detaching syringes
- Automatic filling and automatic priming with the touch of a button
- Stores and recalls up to 32 protocols
- Multi-phase programming (and patented Hold/Pause feature)
- Integrated saline test inject
- Programmable pressure limit



Dual syringe kit plus 60" low pressure T-tubing with prime tube and two fill spikes

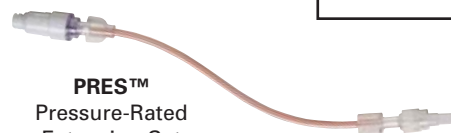
"The transfer set is beneficial because it is easier. We don't have to constantly open different bottles. We just use what's needed."

Backed by MEDRAD reliability, support and service

- Legendary product reliability
- Unmatched after-sales support
- Knowledgeable and reliable technical service
- Ask about MEDRAD's Predictive Maintenance Programmes and Extended Warranties



SVTS
Swabbable-valve transfer set



PRES™
Pressure-Rated Extension Set

"Decreasing the amount of contrast agent that we use has really resulted in significant cost savings."



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	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

Options

Head Mounting Options	Overhead Counterpoise System or Floor Pedestal (Floor Pedestal includes an Integral IV Pole)
DualFlow	Simultaneous Injection of Contrast and Saline
XDS®	Extravasation Detector - Extravasation Detection Device
P3T® Cardiac	Patient-specific Injection Protocols for Cardiac CTA
P3T® Abdomen	Abdominal Protocol Optimization Software

Mechanical Specifications

	Height	Width	Depth	Weight
Dual Injector Head	6.1" (15,5 cm)	12.1" (30,7 cm)	14.5" (36,8 cm)	17.9 lbs (8,1 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 211 Stellant D Injection System with Pedestal Head Mount	Catalog Number: SCT 212 Stellant D Injection System with Counterpoise System
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MEDRAD reserves the right to modify the specifications and features described herein, or discontinue manufacture of the product described at any time without prior notice or obligation. Please contact your authorized MEDRAD representative for the most current information.

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