

Stellant® D Dual Syringe

MEDRAD CT

Injection System



*"That's what I
know about
MEDRAD,
it works."*

MEDRAD[®]
Performance. For life.[™]

"The best thing about the Stellant D is the clinical impact."

Enhancing Your CT Practice

For years, MEDRAD has led the way in CT by providing innovative solutions and real-world clinical value. Our success is a result of listening to healthcare professionals in the most demanding CT environments. The equipment you see here, and in CT suites across the globe, delivers more than contrast. It delivers the performance and reliability that makes MEDRAD a worldwide leader in vascular injection systems.

"The safety feature of the saline test injection is especially important today now that we are using higher contrast injection rates."



Performance. For life. Since 1964, MEDRAD has been developing products that clinicians worldwide rely on to provide outstanding performance every time they're used. Performance that helps physicians diagnose patients more accurately and, ultimately, deliver quality patient care. You will find that same level of performance – along with the high level of customer support you've come to expect from MEDRAD – with the new Stellant D Computed Tomography 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.



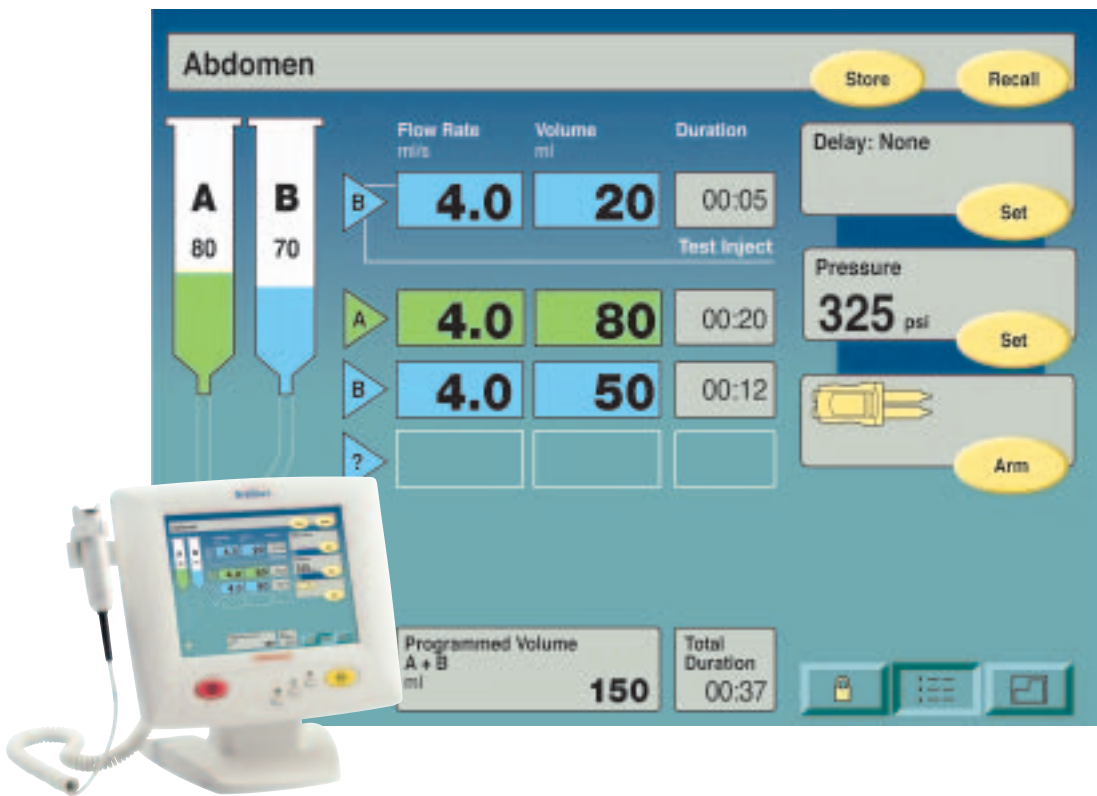
Dual Syringe design delivers accuracy and reliability.

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 visualization
- Enables precisely timed contrast delivery
- Reduces streaking (or beam-hardening) artifacts in Cardiac CT
- Enables injection of a mixed ratio of saline and contrast for superior enhancement uniformity in both the right and left side of the heart (DualFlow option)
- Real-time display of injection pressure in graph form



"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:

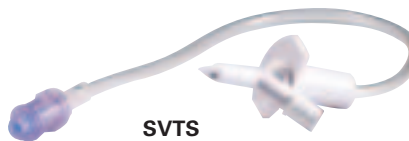
- Designed for bulk delivery
- Snap-on / twist-off syringe design
- Automatic plunger advance and retract when attaching and detaching syringes
- Automatic filling and automatic priming with the touch of a button
- Stores and recalls up to 32 protocols
- Multi-phase programming (and patented Hold/Pause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

Backed by MEDRAD reliability, support and service

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



200 ml Qwik-Fit Syringe® disposable with Priming tube



SVTS Swabbable-valve transfer set

"The Stellant D is very easy to learn. Its very user friendly."

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

"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 upgraded to 8 after 9/05
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
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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The Malcolm Baldrige National Quality Award is our nation's premier award for performance excellence and quality achievement. Established in 1987 and named after the former Secretary of Commerce,

the Baldrige Award recognizes exemplary achievements in seven areas: leadership, strategic planning, customer and market focus, measurement, analysis and knowledge management, human resource focus, process management and business results. The U.S. Commerce Department's National Institute of Standards and Technology (NIST) manages the Baldrige National Quality Program in close cooperation with the private sector. The award is traditionally presented by the President of the United States in a special Washington, D.C. ceremony.

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