



Intelligent, Intuitive, Innovative



medRAD® Stellant®
CT Injection System

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The Medrad® Stellant® D Dual Syringe CT Injection System is reliable and easy-to-use.

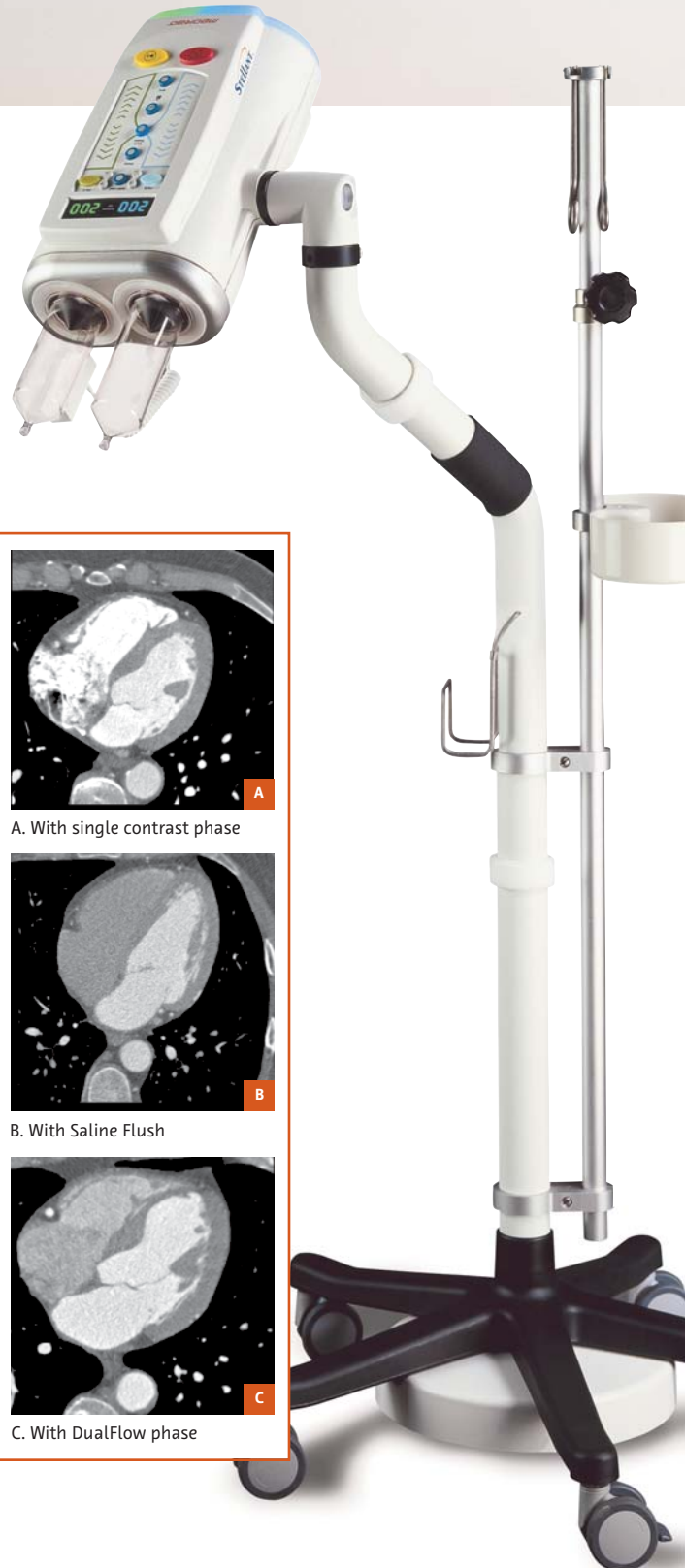
Protocol options for the most advanced clinical applications:

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

How can DualFlow assist with the visualization of the whole heart?

Simultaneous injection of contrast and saline, in user-selected ratios, can:¹

- Provide more uniform attenuation of the right and left ventricles
- Minimize artifacts by achieving proper attenuation levels
- Visualize the right coronary arteries and right ventricles in a single study by achieving more uniform attenuation



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

“Decreasing the amount of contrast agent that we use has really resulted in significant cost savings” **



Available with either the Classic monitor or with the Certegra® Workstation



**Classic Medrad® Stellant®
Display Control Unit (DCU)**

Upgradeable



**Certegra® Workstation for
Medrad® Stellant® D Injection System**
*The command center for intelligent
CT Contrast Dose Management™ Solutions.*

The Medrad® Stellant® D efficiently increases throughput with:

- Snap-on / twist-off syringe design
- Automatic plunger advance and retract when attaching and detaching syringes
- Automatic filling and priming
- Storage and recall of 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

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, 300 Volts-AMPs
Syringe Heater Range	35 degrees C +/-5 degrees 95 degrees F +/-9 degrees
Head Mounting Options	Overhead Counterpoise System or Floor Pedestal (Floor Pedestal includes an Integral IV Pole)
DualFlow	Simultaneous Injection of Contrast and Saline
Medrad® XDS® Extravasation Detection System	Extravasation Detector - Extravasation Detection Device
Certegra® P3T® Cardiac Application	Patient-specific Injection Protocols for Cardiac CTA
Certegra® P3T® Abdomen Application	Abdominal Protocol Optimization Software
Certegra® P3T® PA Application	Pulmonary Angiography Protocol Optimization Software

Mechanical Specifications

	Height	Width	Depth	Weight
Dual Injector Head	15.5 cm (6.1")	30.7 cm (12.1")	36.8 cm (14.5")	8.1 kg (17.9 lb) <i>(without syringe)</i>
Base Unit	29.2 cm (11.5")	27.9 cm (11.0")	22.2 cm (8.8")	6.2 kg (13.6 lb)
Display Control Unit	34.3 cm (13.5")	31.9 cm (12.5")	22.5 cm (8.9")	3.7 kg (8.2 lb)
Certegra® Workstation (CWS)	34.2 cm (13.5")	40.0 cm (15.8")	30.0 cm (10.2")	8.0 kg (17.6 lbs.)

Ordering Information

Systems listed include all standard cabling

Catalogue Number: SCT 211
Medrad® Stellant® D Injection System with Pedestal Head Mount

Catalogue Number: SCT 212
Medrad® Stellant® D Injection System with Counterpoise System

Catalogue Number: SCT 321
Medrad® Stellant® D CT Injection System with Certegra® Workstation with a Pedestal Head Mount

Catalogue Number: SCT 322
Medrad® Stellant® D CT Injection System with Certegra® Workstation with Counterpoise System Head Mount

Enhancing Your CT Practice



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medrad® Stellant®
CT Injection System

Backed by Medrad reliability, support and service

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

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** Based upon 2003 - 2004 FSC (Flaherty, Sabol & Carroll) Communications research.