



Intelligent, Intuitive, Innovative



Certegra™
@ Point of Care

VirtualCare™
Remote Support

MEDRAD® Stellant
CT Injection System

CT Imaging Solutions Start Here...

The MEDRAD® Stellant D Dual Syringe CT Injection System is reliable and easy-to-use. It is an integral piece of the Bayer CT imaging solution, which also includes the Radimetrics™ Enterprise Platform, Quality Consumables, and Services (Extended warranties including VirtualCare™ Remote Support).

Protocol options for the most advanced clinical applications:

- › Designed for complex contrast-enhanced CT protocols
- › Creates a tight contrast bolus
- › Enables precisely timed contrast delivery

Clinical Benefits of Injecting Contrast and Saline at Different Ratios to Visualize the Whole Heart

Clinical research has shown that simultaneous injection of contrast and saline, in user-selected ratios, can¹:

- › 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

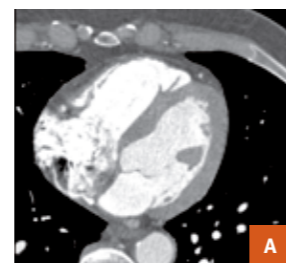
DualFlow can provide the ability to perform simultaneous injection of contrast and saline with the MEDRAD® Stellant D Injection System.



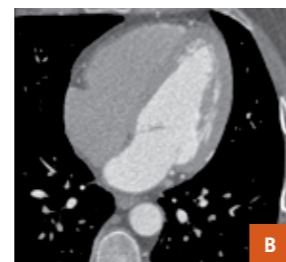
MEDRAD® Stellant Dual Saline Syringe Kit (SDS-CTP-SCS) includes a small spike for contrast and a longer, vented spike for saline

The MEDRAD® Stellant D Efficiently Increases Throughput With:

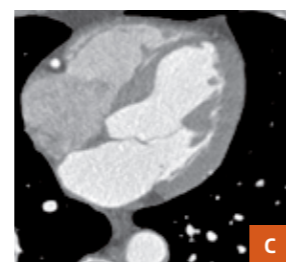
- › Snap-on / twist-off syringe design
- › Automatic plunger advance and retract when attaching and detaching syringes
- › Automatic filling and priming
- › Multi-phase programming (and patented Hold/Pause feature)
- › Integrated saline test inject
- › Programmable pressure limit



A With single contrast phase



B With Saline Flush



C With DualFlow phase²

Certegra™

@ Point of Care

Certegra™ Workstation for MEDRAD® Stellant D Injection System

The command center for intelligent CT Contrast Dose Management Solutions.



Certegra™ Workstation highlights:

- › Informatics ready platform – enables interconnectivity between your scanner, the MEDRAD® Stellant D Dual Head Injector, PACS, RIS, and Speech Recognition Systems
- › Enhanced protocol manager
- › Ability to add Certegra™ P3T™ 2.0 Software to drive protocol standardization through new capabilities including presets for radiologist-preferred protocols and the ability to save and recall P3T™ software protocols

Certegra™ Workstation is the cornerstone of the Certegra™ @ Point of Care application, the industry's first³ Contrast Dose Management Solution. The data you need is centrally mobilized and instantly available.

VirtualCare™

Remote Support

VirtualCare™ Remote Support Capabilities

With the inclusion of a VirtualCare™ Remote Support system, alerts are monitored and resolved proactively. That's forward thinking you can't afford to miss out on.

1 Kerl JM, Ravenel JG, Nguyen SA, et al. Radiology. 2008;247:356-364.
2 Jensen CT. NASCI Abstract # 05-A-69-NASCI.
3 Reference on file.

Injection Specifications	
Flow Rate (Range & Increments)	0.1 to 10 mL/sec in 0.1 mL increments
Volume (Range & Increments)	0.1 to 10 mL/sec in 0.1 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

Miscellaneous Specifications	
Electrical Requirements (VAC/Hz)	100-240 VAC, 50/60 Hz, 300 Volts-AMPS
Syringe Heat Maintainer 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)
DualFlow	Simultaneous Injection of Contrast and Saline
Certegra P3T Cardiac	Patient-specific Injection Protocols for Cardiac CTA
Certegra P3T Abdomen	Abdominal Protocol Optimization Software
Certegra P3T Pulmonary Angiography	Pulmonary Angiography 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 lb (8.1 kg) <i>(without syringe)</i>
Base Unit	11.5" (29.2 cm)	11.0" (27.9 cm)	8.8" (22.2 cm)	13.6 lb (6.2 kg)
Certegra Workstation (CWS)	12.71" (32.28 cm)	15.58" (39.58 cm)	10.5" (26.67 cm)	17.6 lb (8.0 kg)



Equipment Service by Bayer

Backed by Bayer reliability, support and service

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



Clear Direction.  From Diagnosis to Care.

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