



The **Stellant D** injector is a dual syringe injector system. The Medrad Stellant D comes with Dual Flow which allows you to have more control over the contrast as it is injected into the heart and coronary arteries. This makes the system perfect for cardiac CT and Coronary CTA exams. The Stellant allows more flexibility, allowing you to use saline in the machine to test the injection timing boluses. Having a dual injector can be used for more advanced clinical applications.

Features

- Saline Flush capability for contrast efficiency, improved image quality, and reduced image artifacts
- Easily upgradeable Software and Hardware
- Improved syringe design for quick, easy install and detachment of CT syringes
- Automation Features; Integrated Auto Load, Auto Retract, Auto Prime, Auto
- Syringe Sensing
- Remote Check For Air confirmation button on CT injector head
- Remote Arming at CT injector head
- Color Touchscreen
- Pressure Monitor Graph to display real-time pressure during injection
- Programmable Pressure Limit
- Integrated Test Inject to ensure patency of vein
- Graphical, real-time Flow Profile
- Stopwatch Timer
- Protocol Lock
- DualFlow option



Specifications

Dimensions

Dual Injector Head

Height: 6.1in (15.5cm)
Width: 12.1 in(30.7CM)
Depth: 14.5 in (36.8 cm)
Weight: 17.9 lbs (8.1kg)

Base Unit

Height: 11.5 in (29.2 cm)
Width: 11 in (27.9cm)
Depth: 8.8 in (22.2cm)
Weight: 13.6 lbs (6.2 kg)

Certegre Workstation (CWS)

Height: 13.5 in (34.2 cm)
Width: 15.8 in (40 cm)
Depth: 10.2 in (30 cm)
Weight: 17.6 lbs (8 kg)

Injection Specifications

Flow Rate (rate & increments): 0.1 to 10 mL/sec in 0.1 mL increments
Volume (range & increments): 1 mL to syringe Capacity in 1 mL increment
Proramable 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: 250

Miscellaneous Specifications

Electrical Requirments: 100-240 VAC, 50/60 Hz, 300 Volts-AMPS
Syringe Heat maintainer Range: 95 degrees F +/- 9 degrees
35 degrees C +/- 5 degrees
Dualflow: simultaneous Injection of Contrast and Saline

