



The Medrad Stellant CT injection system with Certegra Workstation delivers new levels of efficiency and patient-centered care in CT imaging. An integral part of Bayer's CT imaging solution, the scalable informatics ready solution offers radiation dose management and Contrast Dose Management options complete with injector interfacing between the scanner, PACS, RIS, and speech recognition systems. With the support of CT solution with VirtualCare Remote Support and flexible support service programs to meet the changing needs.

Enhanced Protocol Management

- Storage and recall of up to 250 protocols.
- Designed for complex CTA and Cardiac CT protocols.
- Creates a tight contrast bolus.
- Enables precisely timed contrast delivery.
- Ability to add Certegra P3T 2.0 technology to drive personalized patient protocol standardization through new capabilities, including presets for radiologist-preferred protocols and the ability to save and recall P3T software protocols.

Dual Syringe Utilization Benefits

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, can.

- 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.



Specifications

Injection Specifications

Flow Rate: 0.1 to 10 mL/sec on 0.1 mL increments
Volume: 1 mL to syringe capacity in 1 mL increments
Programmable Pressure Limit: 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

General Specifications

Electrical Requirements: 100-240 VAC, 50/60 Hz, 300 Volts-AMPs
Syringe Heat Maintainer Range: 95 degrees F \pm 9 degrees; 35 degrees C \pm 5 degrees
Head Mounting Options: Overhead Counterpoise System of Floor Pedestal (Floor Pedestal includes an Integral IV Pole)
DualFlow: Simultaneous Injection of Contrast and Saline
Medrad XDS Extravasation Detection System: Extravasation Detector; Extravasation Detector 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

Dual Injector Head
Height: 6.1" (15.5 cm)
Width: 12.1" (30.7 cm)
Depth: 14.5" (36.8 cm)
Weight: 17.9 lb (8.1 kg) (Without Syringe)

Base Unit
Height: 11.5" (29.2 cm)
Width: 11.0" (27.9 cm)
Depth: 8.8" (22.2 cm)
Weight: 13.6 lb (6.2 kg)

Certegra Workstation (CWS)
Height: 13.5" (34.2 cm)
Width: 15.8" (40.0 cm)
Depth: 10.2" (30.0 cm)
Weight: 17.6 lb (8.0 kg)

