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 Bayer's CT imaging solution which also includes the Radimetrics™ Enterprise Platform, Quality Consumables, Services (Extended warranties including VirtualCare® Remote Support), and Contrast 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

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

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

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

**Certegra® Workstation highlights:**

- Informatics ready platform – enables interconnectivity between your scanner, the Medrad® Stellant® D Dual Head Injector, PACS, RIS, & Speech Recognition Systems
- Storage and recall of up to 250 protocols
- Enhanced protocol manager
- Ability to add Certegra® P3T® 2.0 Software to drive protocol standardization through new capabilities including presets for radiologist-preferred protocols & the ability to save and recall P3T software protocols

Certegra® Workstation is the cornerstone of the Bayer 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 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.

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

### 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**: 250

#### 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
- **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 Software
- **Certegra® P3T® PA Application**: Pulmonary Angiography Protocol Optimization Software

### Mechanical Specifications

<table>
<thead>
<tr>
<th></th>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dual Injector Head</td>
<td>6.1” (15.5 cm)</td>
<td>12.1” (30.7 cm)</td>
<td>14.5” (36.8 cm)</td>
<td>17.9 lb (8.1 kg) (without syringe)</td>
</tr>
<tr>
<td>Base Unit</td>
<td>11.5” (29.2 cm)</td>
<td>11.0” (27.9 cm)</td>
<td>8.8” (22.2 cm)</td>
<td>13.6 lb (6.2 kg)</td>
</tr>
<tr>
<td>Certegra® Workstation (CWS)</td>
<td>13.5” (34.2 cm)</td>
<td>15.8” (40.0 cm)</td>
<td>10.2” (30.0 cm)</td>
<td>17.6 lb (8.0 kg)</td>
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</tbody>
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### Ordering Information

- **Systems listed include all standard cabling**
- **Catalog Number:** SCT 321
  Medrad® Stellant® D CT Injection System with Certegra® Workstation with a Pedestal Head Mount
- **Catalog Number:** SCT 322
  Medrad® Stellant® D CT Injection System with Certegra® Workstation with Counterpoise System Head Mount

Backed by Bayer reliability, support and service
- Legendary product reliability
- Exceptional after-sales support
- Knowledgeable and reliable technical service
- Ask about Bayer’s Predictive Maintenance Programs and Extended Warranties

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**Enhancing Your CT Practice**

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Bayer 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 Bayer HealthCare representative for the most current information.

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

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