Stellant® D Dual Syringe

medRADCT

Injection System

“That’s what I know about MEDRAD, it works.”
Performance. For life. Since 1964, MEDRAD has been developing products that clinicians worldwide rely on to provide outstanding performance every time they’re used. Performance that helps physicians diagnose patients more accurately and, ultimately, deliver quality patient care. You will find that same level of performance – along with the high level of customer support you’ve come to expect from MEDRAD – with the new Stellant D Computed Tomography Injection System.

Enhancing Your CT Practice

For years, MEDRAD has led the way in CT by providing innovative solutions and real-world clinical value. Our success is a result of listening to healthcare professionals in the most demanding CT environments. The equipment you see here, and in CT suites across the globe, delivers more than contrast. It delivers the performance and reliability that makes MEDRAD a worldwide leader in vascular injection systems.

Intelligent, Intuitive, Innovative
Stellant D is the smart choice for dependable performance exactly when you need it - during critical CT contrast exams, where accuracy is vital and real-time injection graphics are indispensable. The Stellant D Dual Syringe CT Injection System is consistently reliable, easy to use and offers enhanced safety features in every component, from the dual syringe capability, to the priming tube, to the interface.

Dual Syringe design delivers accuracy and reliability.
Stellant D provides saline flush capabilities and robust protocol options for the most advanced clinical applications:

• Designed for complex CTA and Cardiac CT protocols
• Creates a tight contrast bolus for better visualization
• Enables precisely timed contrast delivery
• Reduces streaking (or beam-hardening) artifacts in Cardiac CT
• Enables injection of a mixed ratio of saline and contrast for superior enhancement uniformity in both the right and left side of the heart (DualFlow option)
• Real-time display of injection pressure in graph form

“The best thing about the Stellant D is the clinical impact.”

“The safety feature of the saline test injection is especially important today now that we are using higher contrast injection rates.”

“The Stellant D dual-technology has really helped improve the quality of CT Angiography studies that we do.”
Decreasing the amount of contrast agent that we use has really resulted in significant cost savings.

The Stellant D safely increases throughput

The Stellant D interface was designed to save time during setup and injection with the most user-friendly system available:

- Designed for bulk delivery
- Snap-on / twist-off syringe design
- Automatic plunger advance and retract when attaching and detaching syringes
- Automatic filling and automatic priming with the touch of a button
- Stores and recalls up to 32 protocols
- Multi-phase programming (and patented Hold/Pause feature)
- Integrated saline test inject
- Programmable pressure limit

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

“The Stellant D is very easy to learn. It’s very user friendly.”

“The transfer set is beneficial because it’s easier. We don’t have to constantly open different bottles. We just use what’s needed.”

Backed by MEDRAD reliability, support and service

- Legendary product reliability
- Unmatched after-sales support
- Knowledgeable and reliable technical service
- Ask about MEDRAD’s Preventive Maintenance™ Programs and Extended Warranties
## 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**

- 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 upgraded to 8 after 9/05

**Maximum Number of Protocols**

32

### Miscellaneous Specifications

**Electrical Requirements**

100-240 VAC, 50/60 Hz

**Syringe Heater 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)

### 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&quot;</td>
<td>12.1&quot;</td>
<td>14.5&quot;</td>
<td>17.9 lbs (8.1 kg) (without syringe)</td>
</tr>
<tr>
<td>Display Control Unit</td>
<td>13.5&quot;</td>
<td>12.5&quot;</td>
<td>8.9&quot;</td>
<td>8.2 lbs (3.7 kg)</td>
</tr>
<tr>
<td>with stand</td>
<td></td>
<td></td>
<td>Screen only = 3.4&quot; (8.6 cm)</td>
<td></td>
</tr>
<tr>
<td>Base Unit</td>
<td>11.5&quot;</td>
<td>11.0&quot;</td>
<td>8.8&quot;</td>
<td>13.6 lbs (6.2 kg)</td>
</tr>
</tbody>
</table>

### Ordering Information

**Systems listed include all standard cabling**

- **Catalog Number: SCT 211**
  - Stellant D Injection System with Pedestal Head Mount

- **Catalog Number: SCT 212**
  - Stellant D Injection System with Counterpoise System