



# Real-Time Fluid Control

 **VirtualCare™**  
Remote Support

**MEDRAD®** Avanta  
Fluid Management Injection System

## Engineered to meet the unique demands of your cardiac cath lab

The MEDRAD® Avanta provides precise fluid control needed for complex coronary imaging. Avanta's design and post-sales support give you comfort and confidence in high throughput cardiac cath lab.

### Optimize Coronary Imaging

- › Avanta's dual-line tube enables real-time control of contrast media and saline
- › Precise flow rate achieved via Avanta's unique hand controller

### Optimize Workflow

- › Calibration not required for hand controller
- › Avanta's multi-patient tube, contrast syringe and hand controller\* can be used for 5 consecutive patients
- › Only dual-line single-patient tube needs to be replaced

### Reliable Post-Sales Support

#### Application Service

- › Bayer's Application Specialists provide on-site training to give you confidence in performing procedures from day one

#### Equipment Service

- › VirtualCare™, Bayer's remote support monitors your Avanta whenever it is on\*\*
- › Bayer's Field Service Engineers are ready to support you 24/7/365 for any emergency\*\*

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\* Use with Single Use Hand Controller Sheath required  
\*\* With purchase of applicable service agreement programs



## Ordering Information

Product	Catalog Number
Avanta Pedestal	AVA 500 PEDL
Avanta Table Mount	AVA 500 TABL
<b>Multi-Patient Disposables</b>	
MPAT Kit	AVA 500 MPAT
Hand Controller	AVA 500 HC
<b>Single-Patient Disposables</b>	
Transducer Compatible	AVA 500 SPAT L
Non Transducer Compatible	AVA 500 SPAT Angio
Single Use Display Control Unit Sheath	AVA 500 DCOV
Single Use Hand Controller Sheath	AVA 500 HCS



## Technical Specifications

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<b>Flow Rates: Contrast</b>	Fixed Flow: User defined from 1–45 mL/sec in increments of 1 mL/sec; Variable Flow: User controlled variable range from 1 to 10 mL/sec in 0.1 mL increments
<b>Flow Rate: Saline</b>	Fixed Rate: 0.75-1.50mL/sec
<b>Volume</b>	User controlled variable range 1–150 mL in increments of 1 mL
<b>Pressure Limits</b>	User defined from 300 PSI to 1200 PSI in increments of 1 PSI
<b>Fill Rate</b>	Manual Fill Speed 1–20 mL/s in 1 mL/s increments; Auto Fill Speed 1–10 mL/s in 1 mL/s increments
<b>Syringe Heat Maintainer</b>	37°C ±3° (≥1 hr)
<b>Injection Delay</b>	0.0–99.9 seconds in 0.1s increments
<b>Rise Time</b>	Programmable at 0.1 sec increments from 0.1 to 9.9 sec
<b>Memory</b>	Up to 40 customizable protocols store
<b>Display Screen</b>	26 cm (~10.5") Color Touch Screen
<b>Mounting Options</b>	Pedestal or Table Mount
<b>Power Requirements</b>	Nominal 100–120 VAC, 50 or 60 Hz, 12.75 A; 200–240 VAC, 50 or 60 Hz, 5.3A
<b>ISI Capable</b>	Provides for synchronization of the injection and x-ray exposure
<b>Air Management</b>	Gross Air Detection and Fluid Level Sensing




Clear Direction.  From Diagnosis to Care.

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