



**CT 9000™ ADV**  
CT Contrast Delivery System

The CT 9000™ ADV contrast delivery system features integral technological advancements designed to enhance ease of operation and procedural time efficiencies. It is fully featured, and upgradeable, to meet many of the specific needs of today's demanding CT procedures. The system accommodates Covidien's unique Ultraject™ prefilled syringes, which help reduce the potential for medication errors<sup>1</sup>, help meet stringent regulatory requirements<sup>1</sup>, may reduce the risk of infection<sup>1</sup>, and improve efficiency<sup>2</sup>.

With the optional Optibolus™ bolus-shaping software, a revolutionary Covidien patented technology, you can automatically optimize your multi-phasic protocol for dynamic scanning procedures, consistently providing uniform injections and aiding in improved image quality.

<sup>1</sup>2006 Comprehensive Accreditation Manual for Hospitals: The Official handbook. Oakbrook Terrace, IL; Joint Commission on Accreditation of Healthcare Organizations; 2006.

<sup>2</sup>Femano, P. The Use of Prefilled Syringes in CT Contrast Administration: A Research Report. American Society of Radiologic Technologists 2001.

**Mounting Configurations**

- ❖ CT 9000™ ADV rolling stand: Encompasses the CT 9000™ ADV powerhead and console. The steady base includes large wheels, providing smooth maneuverability, even over cables or other obstructions. The wheels are equipped with locking casters to hold the unit securely.
- ❖ CT 9000™ ADV fixed ceiling mount or moveable track system ceiling mount: Allows the CT 9000™ ADV powerhead to reach a radius of 65". The total combined weight of the suspension system and injector components is approximately 80 pounds. To support the ceiling mounted injector, an injector column support structure is required for installation.

**Order Information**

Description	Qty	Unit	Size	Order #	11 Digit NDC
Bracket, adjustable shelf, console	1	each		800445	
Bracket, tilting, console	1	each		800683	
CT contrast delivery system with fixed ceiling mount suspension	1	each	200 mL	ADVUC9021	
CT contrast delivery system with fixed ceiling mount suspension, 125 mL syringe system & Optibolus™ bolus-shaping software	1	each	200 mL	ADVUC9021MOB	
CT contrast delivery system with moveable ceiling rail mount	1	each	200 mL	ADVUC9024	
CT contrast delivery system with moveable ceiling rail mount, 125 mL syringe system & Optibolus™ bolus-shaping software	1	each	200 mL	ADVUC9024MOB	
CT contrast delivery system with rolling stand	1	each	200mL	ADVUC9017	
CT contrast delivery system with rolling stand, 125 mL syringe system, & Optibolus™ bolus-shaping software	1	each	200 mL	ADVUC9017MOB	

Mount, ceiling, console	1	each	900681
Mounting kit, remote stand, console	1	each	820683

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## Features and Benefits

Feature	Benefit
<b>Programmable auto fill</b>	Automatically moves the syringe plunger to the selected volume, allowing added freedom to simultaneously perform other tasks
<b>Accommodates Ultraject™ prefilled syringes</b>	Help reduce the potential for medication errors <sup>1</sup> , help meet stringent regulatory requirements <sup>1</sup> , may reduce the risk of infection <sup>1</sup> , and improve efficiency <sup>2</sup> .
<b>Manual flow knob</b>	Direct drive for excellent contrast control
<b>Status lights</b>	Distinct signal of "Ready", "Injecting", and "Pressure Limiting" status
<b>LED volume display at powerhead</b>	Highly visible indicator of remaining volume
<b>Available with OptiBolus™ bolus-shaping software</b>	Optional bolus shaping software automatically optimizes your multi-phasic protocol for dynamic scanning procedures. Consistently provides uniform injections and aids in improved image quality.
<b>Touch screen programming</b>	Simple and reliable, featuring an operator-intuitive user interface. Easy to use and quick to respond when making changes to protocols.
<b>Injection pause</b>	Allows for quick and easy modification to 2nd, 3rd and 4th phases. Aids setting up a test injection to ensure for proper timing.
<b>Multiple mounting options</b>	Allows for flexibility of patient access with rolling stand, fixed ceiling and ceiling rail mounting configurations.
<b>Protocol manager</b>	Store and recall up to 12 user-defined protocols

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## Frequently Asked Questions

Question	Answer
<b>What size syringes can be used with the CT 9000™ ADV contrast delivery system?</b>	Ultraject™ prefilled syringes - various concentrations and in fill sizes of 125 mL, 100 mL, 75 mL, 50 mL & 30 mL; also 200 mL CT 9000™ ADV syringes when manually filled
<b>What mounting options are available?</b>	Rolling stand, fixed ceiling mount and ceiling rail mount are all available

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## Instructions for Use

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Instructions for use may be found in the CT 9000™ ADV Operator's Manual.