



Angiomat™ Illumena™
Contrast Delivery System

**Fully Featured For Excellent Functional Performance,
Proven Clinical Effectiveness and Cost Efficiency.**

The Angiomat™ Illumena™ contrast delivery system offers true multimodality. With just the touch of a button, you can switch between angio, cardio and CT modes. This remarkable versatility is a key component to help reduce down time in all areas.

The use of Ultraject™ prefilled syringes helps reduce the potential for medication errors¹, helps meet stringent regulatory requirements¹, may reduce the risk of infection¹, and improves efficiency². Every detail of the system's easy operation, patient access, and user-defined functionality is designed for convenience, precision, and excellence to aid patient care.

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

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

Mounting Configurations

- ❖ Rolling pedestal: Encompasses the core components (powerhead, console and powerpack) to form one efficient, self-contained contrast delivery system that can be rolled from room to room as needed. 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 in place.
- ❖ Ceiling mount configurations: Offered in both fixed column and moveable track system options, the ceiling mount allows the Angiomat™ Illumena™ powerhead to reach a radius of 65 feet. 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.
- ❖ Wall mount configuration: Using the same arm used in the ceiling mount, simply mount to a wall bracket. The wall suspension requires appropriate support in the wall to match the bolt pattern of the wall mounting bracket, which is typically installed 7'6" from floor level. Once installed, the powerhead will reach 65" away from the install wall.
- ❖ Table mount configuration: The fixed table mount is easily mounted to the rails located on your patient table, providing easy patient accessibility. This configuration includes a console wall mount and rackmount kit for the powerpack to provide an organized, efficient set-up.

Order Information

Description	Qty	Unit	Size	Order #	11 Digit NDC
Mount, rack, powerpack	1	each		900606	
Angio contrast delivery system with fixed ceiling mount suspension	1	each		7172	
Angio contrast delivery system with fixed table mount	1	each		7167	
Angio contrast delivery system with moveable ceiling mount suspension	1	each		7156	
Angio contrast delivery system with rolling pedestal	1	each		7161	
Angio contrast delivery system with rolling stand, wall mount console	1	each		7141	

Angio contrast delivery system with wall mount suspension	1	each	7174
Bracket, powerhead, ceiling mount	1	each	241052
Bracket, remote handswitch	1	each	600514
Column, long, fixed ceiling mount	1	each	241061
Column, short, fixed ceiling mount	1	each	241060
Extension, spring arm, powerhead	1	each	241063
Mount, ceiling, console	1	each	900681
Mount, fixed table, powerhead	1	each	600150
Mount, table, console	1	each	900680
Mount, wall, console	1	each	900608
Mount, wall, powerpack	1	each	900607
Mounting kit, moveable ceiling, powerhead	1	each	241062
Mounting kit, wall, powerhead	1	each	241064
Rail, moveable ceiling mount	1	each 2.5 meter (8.2')	241038
Rolling pedestal for angio contrast delivery system	1	each	900700

Features and Benefits

Feature	Benefit
Accommodates Ultraject™ prefilled syringes	Help reduce the potential for medication errors ¹ , help meet stringent regulatory requirements ¹ , may reduce the risk of infection ¹ , and improve efficiency ² .
Ultra-clear angio / cardiac catheterization syringe	The ultra-clear syringe helps improve air bolus detection to aid patient safety. Provides a crystal clear view of the contrast media.
Air Detection Aid & Warning System (ADAWS)	This optional accessory is an aid to good clinical practice. Serves to identify empty syringes and air bolus. Helps reduce the chance of injecting air as an aid to patient safety.
Fluid control bar	Unique design which allows easy, one-finger operation. Drives the plunger for syringe filling, pull-back, or infusion.
Digital powerhead display	Indicates programmed protocol and volume remaining in the syringe, helping to ensure that the programmed protocol is correct. The LED display will automatically "flip" as the powerhead is rotated - providing proper orientation for viewing.
Touch screen programming	Simple and reliable, featuring an operator intuitive user interface. Easy to use and quick to respond when making changes to protocols.
Customizable operator's screens	Allows the user to customize the screen to their individual preference. such as easy removal of rate-rise or inject delay options. Aids ease of use.
Multi-use with Cardio, Angio, and CT modes	Provides versatility and may allow for less down time in all areas
Modular component design	The Angiomat™ Illumena™ contrast delivery system is available in various mounting options, allowing the facility to determine the best configuration and mounting to meet their needs.
Used syringe warning	Notifies user of a used syringe to aid patient safety.

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

Frequently Asked Questions

Question

What does ADAWS stand for?

What syringe sizes can be used in the Angiomat™ Illumena™ contrast delivery system?

What mounting configurations are offered on the Angiomat™ Illumena™ contrast delivery system?

Will the Angiomat™ Illumena™ contrast delivery system interface with my scanner?

How many protocols can be stored?

Answer

Air Detection Aid and Warning System

Ultraject™ prefilled syringes are available in various concentrations and in fill sizes of 125 mL, 100 mL, 75 mL, & 50 mL. Empty syringes are available in 150 mL and 200 mL sizes for use when manually filled.

Pedestal, ceiling, table, wall, rolling stand, and rack mounting configurations

It has been validated by Phillips, Siemens, and GE and can be interfaced with scanners from each.

Angiographic mode can store 45 protocols; CT mode can store 45 protocols

Instructions for Use

Instructions for use may be found in the Angiomat™ Illumena™ Operator's Manual.
