



OptiVantage[®]

DUAL-HEAD CT CONTRAST DELIVERY SYSTEM

A Guerbet Interconnected Solution

CT

A Simple Solution for Complex Needs



Control Where You Need It

Auto-fill

- Automatically fills disposable syringes.

Tilt enable

- Completion of enable sequence helps reduce the risk of air embolism.

Interface capabilities

- CAN class 4 and relay interfacing capabilities come standard on every OptiVantage[®] model.

Simultaneous injection

- Delivers dual injection protocols of contrast media and saline with 10% to 90% mixing ratio in increments of 5%.

Safety Through Efficiency

Patency Check[®] feature

- Ensures proper placement and vascular patency.

Auto purge

- A single press of a button is all it takes to remove most of the air in the syringe(s).

Timing Bolus[®] feature

- Easily perform a test injection to confirm protocol timing, which can improve image quality.

Auto home feature

- Enables rams to automatically retract to their starting position, allowing for better workflow efficiency.

Optional Features

Ceiling mount configuration

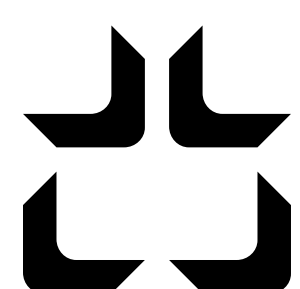
- Saves valuable space on your workflow, while keeping the injector at your fingertips.

OptiBolus[®] bolus-shaping software

- Controls flow rate and may allow for more effective management of contrast media usage.
- Activate the innovative OptiBolus[®] software feature with the touch of one button.

RFID

- Prevents an accidental air embolism caused from using an empty, used syringe.
- Prevents accidental patient cross contamination.
- Helps reduce the risk of certain medication errors.
- Significantly reduces syringe preparation and labeling time.



Contrast&Care.

INJECTION MANAGEMENT SOLUTION

Order with your injector for a complete injection solution:

- Capture and organize information
- Save time through information sharing with health IT systems
- Facilitate traceability of contrast media



a Guerbet Group Company

OptiVantage®

DUAL-HEAD CT CONTRAST DELIVERY SYSTEM

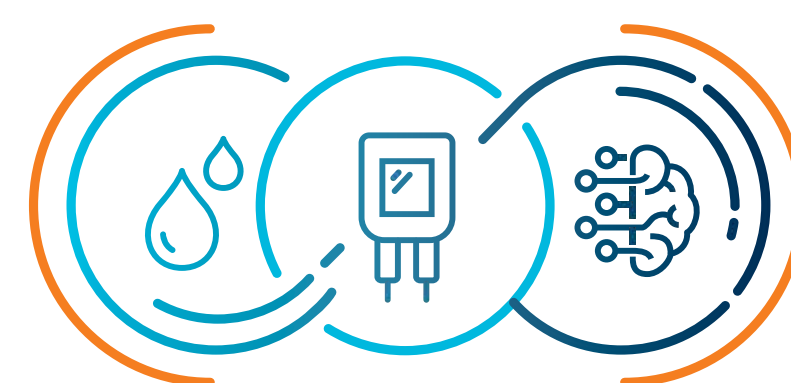
Technical Specifications

| | |
|---------------------------------|--|
| Flow Rate | 0.1–10.0 mL/sec |
| Pressure Limit | 50–325 peak psi |
| Syringe Sizes | 200 mL empty syringes 50, 75, 100, 125 mL prefilled syringes |
| Syringe Heater | 37° C nominal, minimizes the loss of heat from preheated contrast |
| Volume | 0.1 mL to volume in syringe (200 mL) |
| Scan Delay | 0–600 seconds |
| Inject Delay | 0–600 seconds |
| Phase Delay | 0–600 seconds |
| Number of Phases | 6 |
| Protocol Memory | 40 |
| Inject Results | Last 24 injected protocols |
| Simultaneous Injection Ratio | 10% to 90% in 5% steps |
| Interface Capabilities | CAN and relay interfacing capabilities come standard on every OptiVantage® model |

Syringes & Tubing

| | |
|-------------|--|
| P/N 302050 | Handi-Fil Straw |
| P/N 601195 | Coiled Extension Tubing (60"), 400 psi |
| P/N 601227 | Tubing with Male Luer Adapter (48"), 400 psi |
| P/N 800096S | CT Syringe (200 mL) with Handi-Fil Straw |
| P/N 800099S | CT Syringe (200 mL) with Handi-Fil Straw and coiled tube (60"), 400 psi |
| P/N 810551 | Transfer Set |
| P/N 810555 | Y-Tubing Adapter with Dual Check Valves, 350 psi |
| P/N 844012 | Y-Tubing (60") with Dual Check Valves, 400 psi |
| P/N 844021S | CT Syringe (200 mL) with Dual Check Valve, Y-Tubing (60") and Handi-Fil Straw, 400 psi |
| P/N 844022S | 2 CT Syringes (200 mL) with Y-Tubing (60") and Handi-Fil Straws, 400 psi |
| P/N 844023S | 2 CT Syringes (200 mL) with Dual Check Valve Y-Tubing (60") and Handi-Fil Straws, 400 psi |

For sales, service and support, contact your local sales representative or call **1.877.729.6679**. More information is available at www.guerbet-us.com.



UNIK
Tailored interconnected solutions
driving your journey to excellence

The OptiVantage® Dual-Head CT Contrast Delivery System is a Class II Medical Device in the United States. For complete information about precautions and optimal usage conditions for this device, consult the full instructions for use supplied with each device or with your local Guerbet representative(s). Caution: US Federal Law restricts this device to sale by or on the order of a physician. OptiVantage® Dual-Head CT Contrast Delivery System is a registered trademark of Liebel-Flarsheim. Contrast&Care® is a medical device intended for use by healthcare professionals only. It allows imaging centers to collect, archive, view and share patients' injection data, including data concerning contrast products, adverse events, injector activity, data on the estimated eGFR and other pre-exam alerts, such as previously reported allergies. Contrast&Care® also provides options to visualize analytics data and trends relating to injection activity and contrast product usage.

For complete information about precautions and optimal usage conditions, we recommend consulting the instructions for use supplied with the device or by your local Guerbet representative(s).

Class I
Manufacturer: Medex