

OptiVantage[®]

Dual Head Contrast Delivery System



2 modes Available :



Multi-patient



Mono-patient

methapharm
Specialty Pharmaceuticals

OptiVantage®

Dual-Head Contrast Delivery System



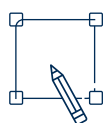
Multi-patient



Meet needs during day and night shifts



Optibolus feature®



Specially designed interface

- For a safe multi-patient use
- Option selection: same patient / new patient
- Multi-patient day-sets
- Automatic or manual filling and purge feature



Efficiency

- 2 LCD touchscreens : 1 in control room and 1 on the powerhead
- Specific messages on each screen based on safety sequence
- Low footprint
- Roll base or ceiling suspension mount



Uncompromised safety

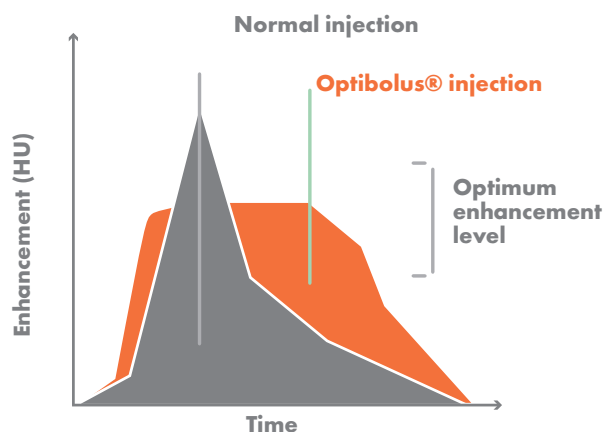
- Patency Check® feature
- Ensures proper placement and vascular patency
- Pressure automatically adapted to safely deliver programmed flow rate
- Day-set validation only during first setup at the beginning of the day.

Optibolus® feature:

Bolus-shaping software to optimize iodine dose

Why use this feature?

- Helps ensure uniform vascular enhancement with a reduced iodine dose.
- Extended enhancement period
- Modularity in the choice of your contrast agent concentrations



OptiVantage®

Medical devices

○ Certified 24 hour multi-patient use syringe

- Consumables choices based on site practice
- Single-molecule use (caution for contraindications)
- Adapted consumable duration



Dual Multi-Use Syringes – 24H REF. 241 827

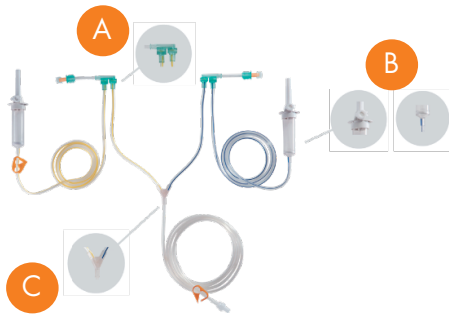
- Two daily 200mL multi-patient syringes for intravenous administration of iodinated contrast agents.

○ Manyfill® day-set certified for up to 24 hour use

- Designed, tested and approved by the manufacturer to meet the highest quality standards.

manyfill® 24 D Vial

REF. 237 306



A Check valves

- Prevents mixing of products from one syringe to the other.
- Prevents air from entering the injection line during filling.

B Particle filter

- Prevents intrusion of microbes.
- Prevents the penetration of small rubber particles from puncture of vial with spikes.

C Closed system

- Prevents multiple connections.
- Hand-borne contamination reduction.



manyfill® 24 S Vial REF. 237 307

> ONE exam - ONE patient - ONE secured patient line

- 20cm Secured patient line with proven double safety valve for intravenous administration of contrast agents. Designed for connecting a multi-use injection day-set to the patient catheter.

Patient line with proven double safety valve REF. 218 684



OptiVantage®

Dual-head contrast media delivery system and medical devices



Mono-patient



200mL syringe with filling spike and coiled tubing

REF. 236 299

- 200mL syringe with 150cm coiled tubing kit for intravenous administration of iodinated contrast agents.



Two 200ml syringes with filling spike and coiled y-tubing

REF. 236 302

- Two 200ml syringes with 150cm coiled Y-tubing kit for intravenous administration of iodinated contrast agents

Technical specifications

Flow Rate: 0.1 to 10 mL/s

Pressure Range : 50 to 325psi

Syringe capacity: 200mL - empty syringe

Volume (saline or contrast agent): 1 to 200 mL

Scan Delay: 0 to 600 seconds

Injection Delay: 0 to 600 seconds

Phase Delay: 0 to 600 seconds or pause

Number of phases: 6

Number of saved protocols: 40

Injection results: 24

