

ulrichINJECT CT *motion*™

CT Contrast Media Injector



Efficient and
time-saving

Ulrich
medical



Advantages at a glance



Quick and easy

- Set up just once daily
- Rapid patient changeover
- Intuitive user interface



Cost-effective and efficient

- Low cost for disposables
- Optimized contrast media management
- Efficient workflows



Hygienic and safe

- Closed system
- Direct injection from original media containers
- Automatic air monitoring on the patient side

Focused on hygiene & safety

- Pump tubing verified for 24-hour use¹
- Direct injection from the original media containers
- Reliable protection against retrograde contamination²
- Protection against air injection by means of air detector on the patient side
- Closed system

¹ Source: GLP-compliant study: „Microbiological Contamination Control Study of CT motion System“, Report 12046497, dated 2018-02-28, Author: UL International GmbH (Grenzenstr. 13, 88416 Ochsenhausen, Germany); Study is not published, available on request by non-disclosure agreement.

² Source: GLP-compliant study: „Virological evaluation of Retrograde Contamination Potential at the Pump Tubing Set (XD 8003) and the Patient Tubing Set (XD 2035) of the CT motion (XD 8000)“, Report 10874251 2.1, dated November 12, 2015, Author: UL International GmbH (Grenzenstr. 13, 88416 Ochsenhausen, Germany); Study is not published, available on request by non-disclosure agreement.

Innovation made in Germany



Integrated heat retainer for optimized patient comfort

Display unit for simple, safe and quick operation

Patient-side air detector

Pressure sensors

The CT motion is available as a mobile pedestal version, with a 3D ceiling mount or with a wall mount.

Pump tubing for 24-hour use for any number of injections. With air filter, particle filter and integrated check valve.

Patient tubing with patient-side Luer lock connector and two check valves.

Simple use

- Set up just once daily
- 24-hour use of the pump tubing
- Rapid patient changeover
- Intuitive user interface
- Optimized contrast media management by means of two contrast media connection points
- Cable-free operation

Setup made easy

- Insert pump tubing
- Connect patient tubing
- Attach media containers
- Done!

Change of patient tubing in a few seconds

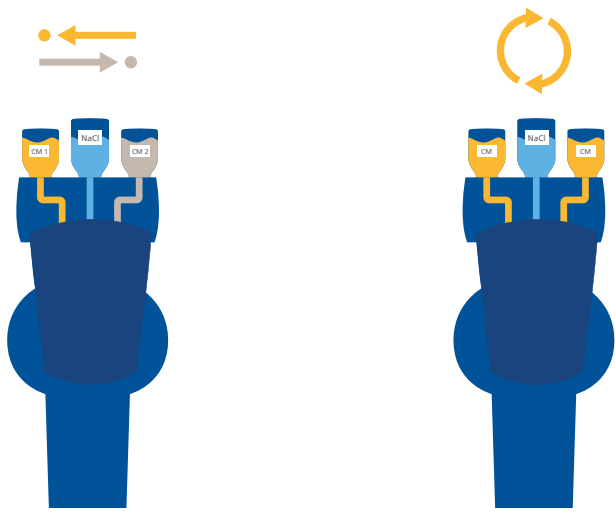
- Remove patient tubing
- Connect new patient tubing
- Done!



Cost-effective and efficient

- Low cost for disposables
- Optimized contrast media management through the use of large containers
- High patient throughput through efficient workflows

Flexible CM management and simplified workflows



Tandem
Selection of a second contrast medium

Seamless
Two-way switchover when there are two identical contrast media

Overview of technical information

| | |
|--|---|
| Dimensions (L x W x H) | Pedestal version: 645 mm x 645 mm x 1,445 mm |
| Weight | Pedestal version: 79 kg, ceiling version: 30 kg plus support arm |
| Power supply | Rechargeable battery and mains operation |
| Voltage supply (battery charging) | Voltage rating 100 – 240 VAC / 50/60 Hz |
| Media transport | Roll pump |
| Flow rate (with contrast media) | 0.1 to 10.0 mL/s in increments of 0.1 mL/s |
| Maximum injection volume | 400 mL/patient, in increments of 1.0 mL |
| Reservoir volume | Contrast media: max. 2 x 500 mL NaCl: max. 1 x 2,000 mL (pedestal version) NaCl: max. 1 x 1,000 mL (ceiling version) Contrast media heat retainer (> 28°C to 37°C) |
| Maximum system pressure | 17 bar (246.6 psi) |
| Air monitoring | 3 detectors for the media supply tubing, 1 detector for the pump tubing, 1 detector for the patient tubing |
| Pressure monitoring | 2 pressure sensors |
| User interfaces | Terminal: 12" color TFT touch screen Injector: Graphical display with soft keys |
| Data import and export | USB interface |
| Data transfer from injector to terminal | Bluetooth, power class 1 |
| Number of boli (phases) per injection program | Max. 40 |
| Number of injection programs that can be saved | Max. 99 |
| Pressure curve | Real-time display of the injection pressure curve |
| Software functions (standard) | Seamless: Two-way switchover when there are two identical contrast media Remainer display NaCl backup Manual pause / time-controlled pause Keep Vein Open (KVO) |
| Software options | Tandem: Selection of a second contrast medium Same patient: Multiple injections per patient Elapsed time: Time since end of injection (0-999 sec.) Stopwatch: Before and after each bolus (0-999 sec.) |
| Injector accessories | Tray, waste bin, saline rod |
| Disposables | Patient tubing 1.5 m, 2.5 m or 3.2 m 24-hour pump tubing |

Sustaining member of the German Society for Hospital Hygiene (Deutsche Gesellschaft für Krankenhaushygiene e.V.)

**Over a Century
of Innovation**

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or/and
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