

ulrichINJECT CT *motion*™

CT Contrast Media Injector

24 h



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 of disposables
- **Optimized contrast media management**
- Efficient workflows

Hygiene & patient safety

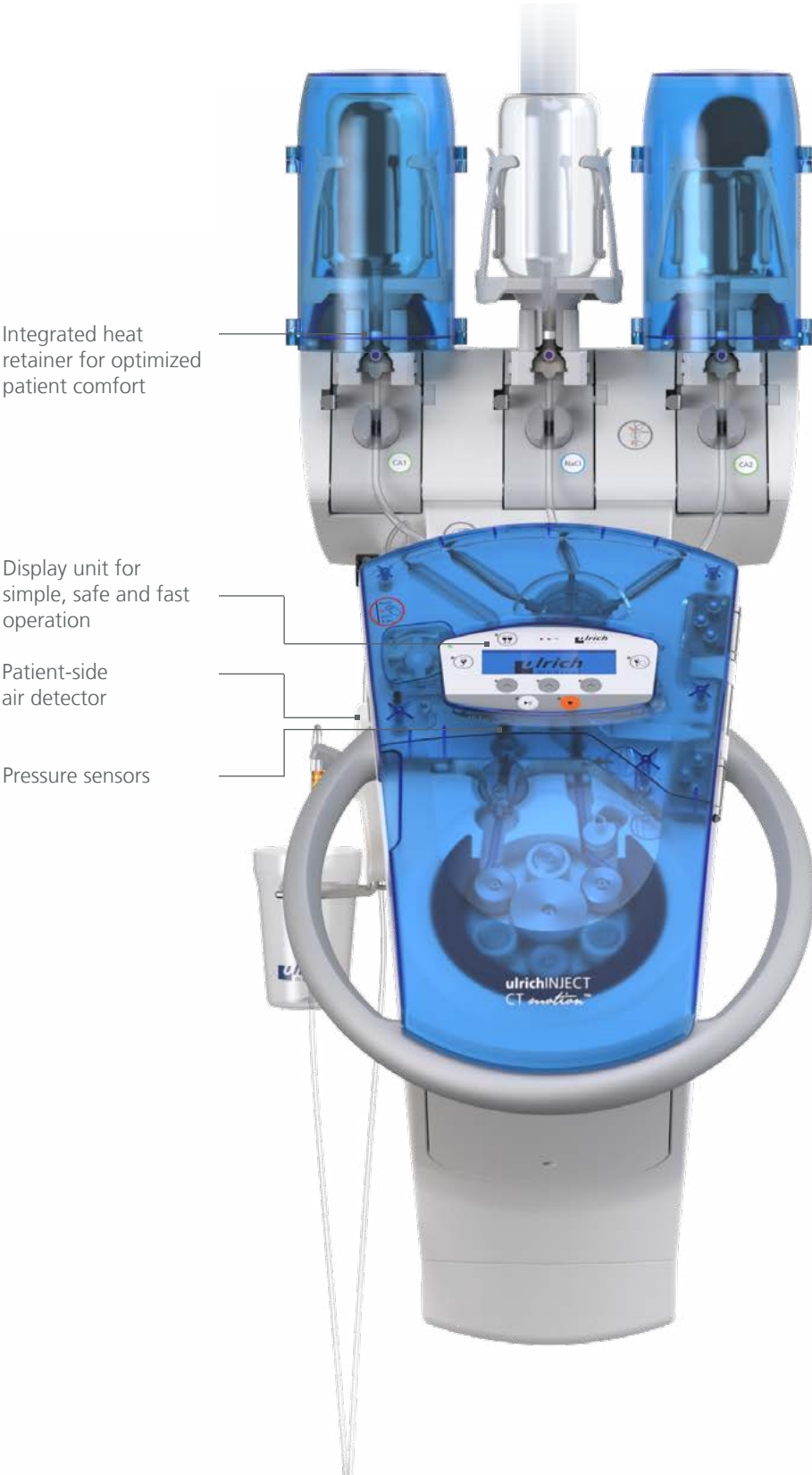


- Verified 24-hour use of the pump tubing¹
- Direct injection from the original media containers
- Reliable protection against retrograde contamination²
- Patient-side air detector protects against air injection because it is only possible to start injection when the patient tubing has been filled
- Closed system

¹ Source: GLP-compliant study: "Microbiological Contamination Control Study of CT motion System", Report 12046497, dated: February 28, 2018, author: UL International GmbH (Grenzenstr. 13, 88416 Ochsenhausen, Germany); study is unpublished, but available on request with nondisclosure agreement.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dated: November 12, 2015, author: UL International GmbH (Grenzenstr. 13, 88416 Ochsenhausen, Germany); study is unpublished, but available on request with nondisclosure agreement.

Innovation made in Germany



The CT motion is available as a wireless pedestal version for flexible positioning or as a ceiling version for small examination rooms.

Integrated heat retainer for optimized patient comfort

Display unit for simple, safe and fast operation

Patient-side air detector

Pressure sensors

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 to use

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

Set-up made easy

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

Patient tubing changeover in seconds

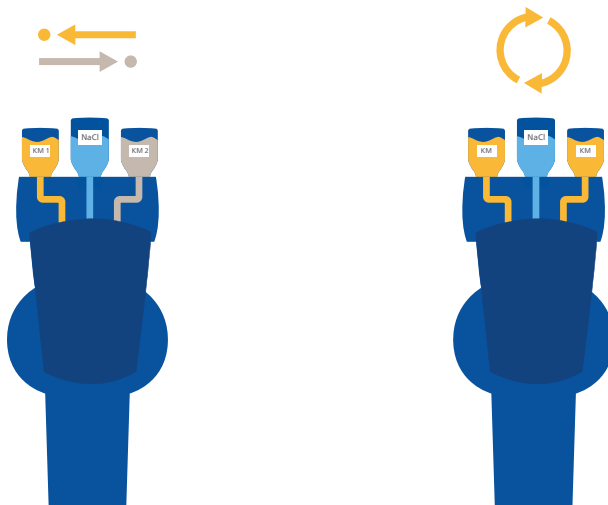
- Detach patient tubing
- Connect new patient tubing
- Done!



Cost-effective & efficient

- Low cost of disposables
- Optimized contrast media management using large containers
- High patient throughput thanks to efficient workflows

Efficiency through multi-CM-use



Tandem

- Changeover of CM with the **same active ingredients** at the touch of a button
- No changeover of the 24-hour pump tubing required
- Automatic rinsing program

Extended tandem

- Use of CM with **different active ingredients**
- Changeover of contrast medium using a special rinsing program
- No changeover of the 24-hour pump tubing required

Seamless

- Double CM supply thanks to automatic switchover with identical CM
- Low wastage of CM
- Greater efficiency with increased patient throughput plus patient changeover in just a few seconds

Technical data overview

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 delivery	Roller pump
Flow rate (with contrast media)	0.1 to 10.0 ml/s, in 0.1 ml/s increments
Maximum injection volume	400 ml/patient, in 1.0 ml increments
Reservoir capacity	Contrast media 2 x 500 ml max. NaCl 1 x 2,000 ml max. (pedestal version) NaCl 1 x 1,000 ml max. (ceiling version) Contrast media heat retainer (> 28°C to 37°C) (> 82°F to 98°F)
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: Graphic display with soft keys
Data import and export	USB interface
Data transfer from injector to terminal	Bluetooth, Class 1
Number of boli (phases) per injection program	40 max.
Number of injection programs that can be saved	99 max.
Pressure curve	Real-time display of the injection pressure curve
Software functions (standard)	Seamless: Two-way switchover with two identical contrast media Display of remaining quantity 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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