

## Syringeless CT Contrast Media Injector

# ulrichINJECT CT *motion*™

24 h *Once-daily setup and 24-hour multiple patient use pump tubing-flex\**



\*Or 19 bottles of a contrast medium, whichever comes first.

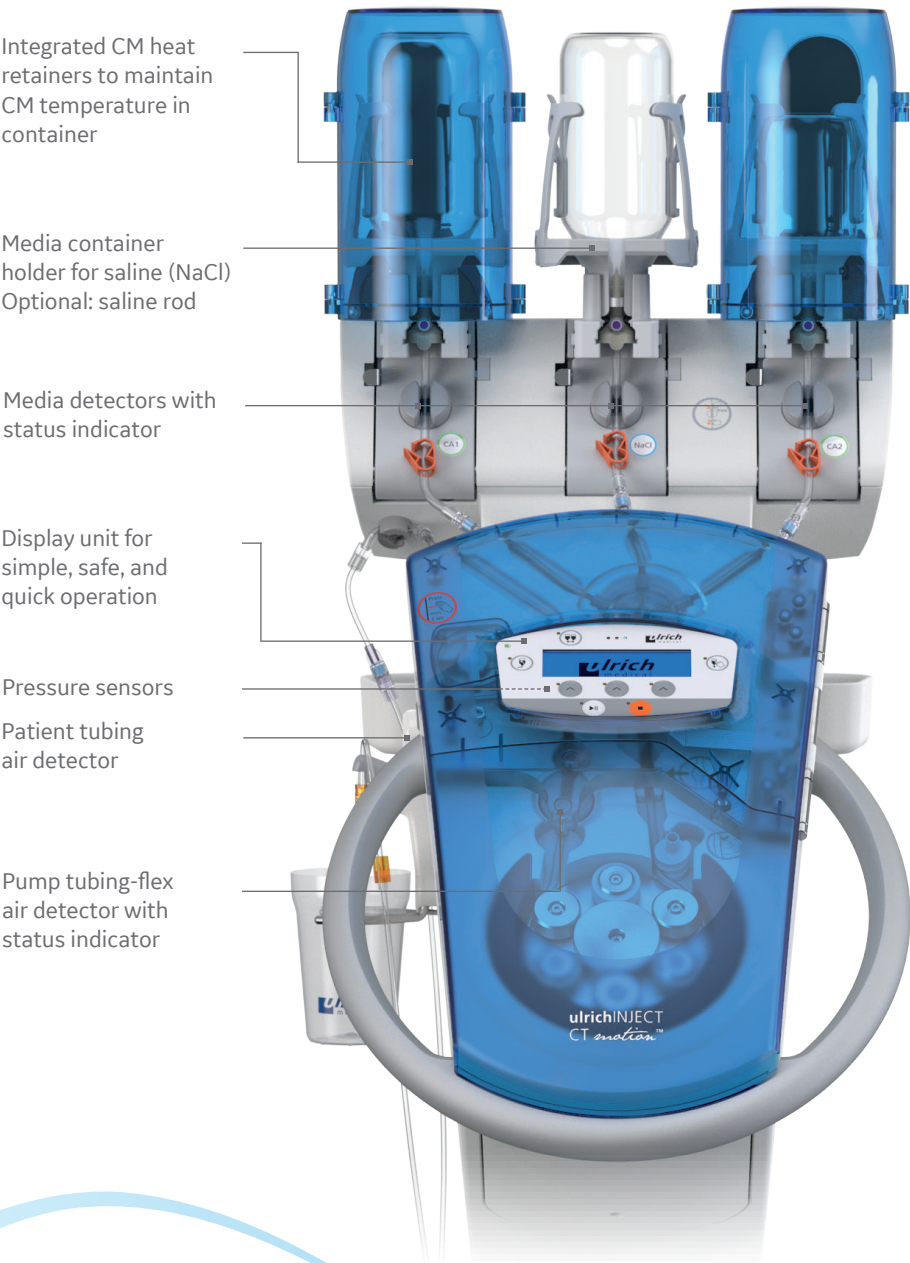
More than 30 years of  
roll pump injector experience

**ulrich**  
medical



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# GE Healthcare delivers German innovation and workflow efficiencies



Integrated CM heat retainers to maintain CM temperature in container

Media container holder for saline (NaCl)  
Optional: saline rod

Media detectors with status indicator

Display unit for simple, safe, and quick operation

Pressure sensors

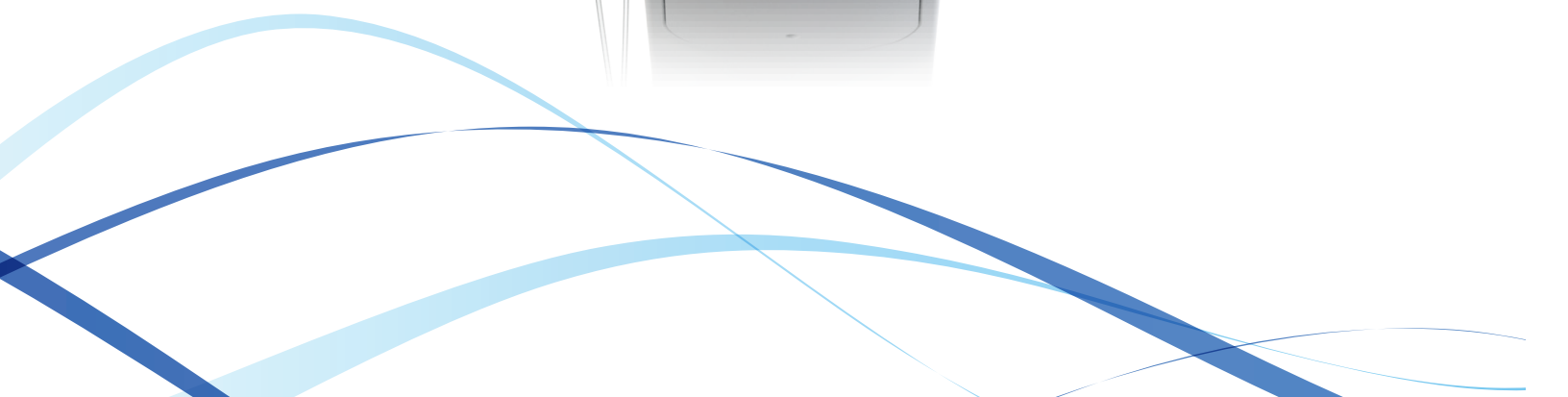
Patient tubing air detector

Pump tubing-flex air detector with status indicator

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

**UlrichINJECT CT motion is used** in CT procedures for the delivery of Omnipaque™ (iohexol) Injection contrast medium from GE Healthcare as supplied in Imaging Bulk Packaging.\*

\*For more information about Omnipaque Imaging Bulk Packaging, please visit [www.gehealthcare.com/products/contrast-media/omnipaque](http://www.gehealthcare.com/products/contrast-media/omnipaque).



# Tubing System

The tubing system for the ulrichINJECT CT motion consists of pump tubing-flex, spike for CT and patient tubing.

## **Pump tubing-flex** **order no. XD 8002**

24-hour multiple patient use

The CT motion pump tubing-flex is cleared for 24-hour usage or a maximum of 19 contrast media bottles, whichever comes first.

## **Spike for CT (CM/NaCl)** **order no. XD 8132**

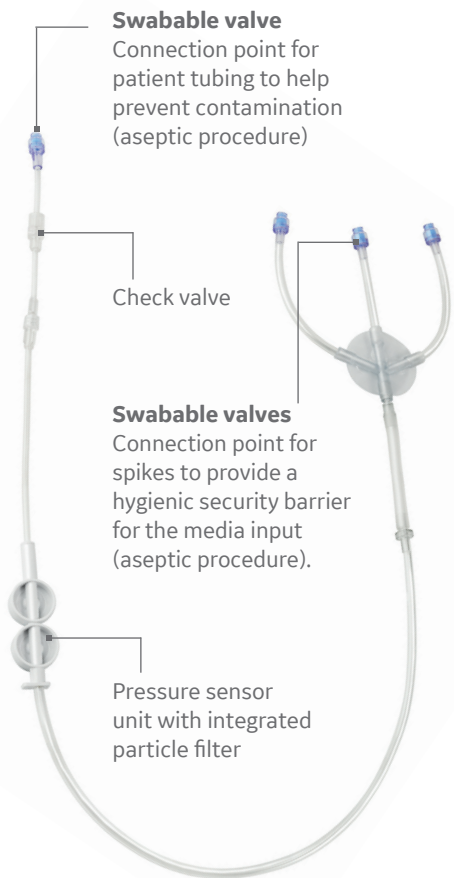
Single-bottle use (max. 8 hours)

Two spikes to be used with Omnipaque™ contrast media in Imaging Bulk Package and one to be used with the saline (NaCl) container/bag.

## **Patient tubing** **250 cm: order no. XD 2042** **320 cm: order no. XD 2047**

Single-patient use (max. 12 hours)

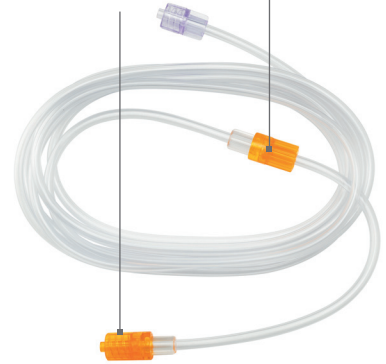
The patient tubing connects the pump tubing-flex to the cannula on the patient and transports media from the pump tubing-flex to the patient.



### **Integrated air filter**



### **Double check valve system**



# Overview of technical information

Dimensions (L × W × H)	Pedestal version: 25.39 in × 25.39 in × 45.08 in (645 mm × 645 mm × 1445 mm)
Weight	Pedestal version: 174.17 lb. (79 kg), ceiling version: 66.14 lb. (30 kg) plus support arm
Power supply	Rechargeable battery and mains operation
Voltage supply (battery charging)	Voltage rating 100 – 240 VAC / 50/60 Hz (automatic)
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 × 500 mL (Omnipaque™ 300/350 mgI/mL IBP) NaCl: max. 1 × 2,000 mL (pedestal version) NaCl: max. 1 × 1,000 mL (ceiling version)
Heat retainer	Contrast media heat retainer (> 28°C/>82.4°F to 37°C/98.6°F)
Maximum system pressure	Setting: 2 – 13.5 bar <sub>avg</sub> (29 – 195.8 psi <sub>avg</sub> ) Effective: up to 17 bar <sub>peak</sub> (246.6 psi <sub>peak</sub> )
Air monitoring	3 detectors for the media supply tubing, 1 detector for the pump tubing-flex, 1 detector for the patient tubing
Pressure monitoring	2 pressure sensors
User interfaces	Terminal: 12" Color monitor with PCAP multi touch 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	Up to 100
Pressure curve	Real-time display of the injection pressure curve
Software functions (standard)	CM-Loop: Two-way switchover when there are two identical contrast media Remainder display NaCl backup Manual pause / time-controlled pause Keep Vein Open (KVO)
Software options	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.) CM substitution
Injector accessories	Tray, waste bin, saline rod, drip cup
Disposables	Spike for CT Pump tubing-flex Patient tubing (98 in or 126 in / 250 cm or 320 cm)

510 K Number: K171392

CT 4101331 R1/2019-05

Subject to technical changes,  
typographical errors and other errors.

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of Innovation**



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