

# Reliability and German precision. For over 110 years.



## Simple to use

- Set-up just once daily
- Rapid patient changeover
- Intuitive user interface
- Optimal contrast media management with two connection points



## Hygiene & patient safety

- 24 h use of the pump tubing<sup>1</sup>
- Direct injection from the original media containers
- Closed system
- Reliable protection against retrograde contamination<sup>2</sup>
- Injector and patient-side air detectors protect against air injection



## Cost-effective and efficient

- Low costs for disposables due to 24 h approval of the pump tubing
- Optimal contrast media management using large containers
- High patient throughput thanks to efficient workflows

<sup>1</sup> 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dated: February 28, 2018, author: UL International GmbH (Grenzenstr. 13, 88416 Ochsenhausen, Germany); study is unpublished, but available on request with nondisclosure agreement.

<sup>2</sup> 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dated: November 12, 2015, author: UL International GmbH (Grenzenstr. 13, 88416 Ochsenhausen, Germany); study is unpublished, but available on request with nondisclosure agreement.

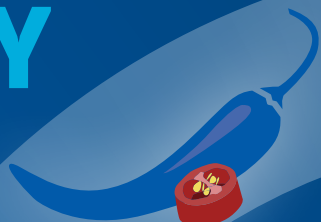
# Technical data

<b>Dimensions (L x W x H)</b>	Pedestal version: 645 mm x 645 mm x 1.464 mm
<b>Weight</b>	Pedestal version: 79 kg, ceiling version: 30 kg plus support arm
<b>Power supply</b>	Rechargeable battery and mains operation
<b>Voltage supply (battery charging)</b>	100 – 240 VAC / 50/60 Hz
<b>Media delivery</b>	Roller pump
<b>Flow rate (with contrast media)</b>	0.1 to 10.0 ml/s, in 0.1 ml/s increments
<b>Maximum injection volume</b>	400 ml/patient, in 1.0 ml increments
<b>Reservoir capacity</b>	Contrast media 2 x 1,000 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)
<b>Adjustable default pressure limit</b>	2 – 17 bar (29 – 247 psi)
<b>Maximum system pressure</b>	22.4 bar (325 psi)
<b>Air monitoring</b>	3 detectors for the media supply tubing, 1 air detector for the pump tubing, 1 air detector for the patient tubing
<b>Pressure monitoring</b>	2 pressure sensors
<b>User interfaces</b>	Terminal: 12" color TFT touch screen Injector: Graphic display with soft keys
<b>Data import and export</b>	USB interface
<b>Data transfer from injector to terminal</b>	Bluetooth, Class 1
<b>Number of boli (phases) per injection program</b>	40 max.
<b>Number of storable injection programs</b>	99 max.
<b>Pressure curve</b>	Real-time display of the injection pressure curve
<b>Software functions (standard)</b>	Seamless: Two-way switchover with two identical contrast media Remainder Keep Vein Open (KVO) Manual / time-controlled pause Standard / temporary pressure limit NaCl buffer Heat maintaining
<b>Software options (license)</b>	Same patient Contrast media substitution Tandem Start delay Stopwatch Elapsed time SYNCopen™ CDadapt™ RIS/PACS Interface Media Scan (included in RIS/PACS Interface)
<b>Injector accessories</b>	Tray, waste bin, saline rod
<b>Disposables</b>	Patient tubing 1.5 m, 2.5 m or 3.2 m Pump tubing 24 h

The country-specific availability of articles must be taken into consideration. ulrich medical does not distribute this product in the United States.

ulrichINJECT

# CT motion™ SPICY



**ulrich**  
medical

*dedicated to you.*

CT motion™



# Software Features

*Your workflow has never been easier.*

## Enhanced pressure and flow performance

For examinations with high flow rates and high contrast media viscosities.

## CDadapt™

Automatic contrast density reduction (e.g. for cardiac examinations) and simultaneously reduced costs for contrast media due to lower contrast media consumption.

## Remaining volume indication

Easy-to-understand traffic light indication and clear display of available media volumes plus accurate ml indication.

## SYNCopen™

“SYNCopen” establishes a connection between CT motion and a validated CT scanner.



Learn more about SYNcopen™

## RIS/PACS Interface

The “ulrich medical RIS/PACS Interface” enables simple and comprehensive integration of the CT motion into RIS & PACS systems using the DICOM standard..



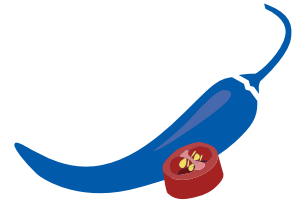
Learn more about RIS/PACS

**SEE.**

Beyond Injection  
**RIS/PACS Interface**  
by ulrich medical



# Innovative technology made in Germany



## Two-piece tubing system

- Optimized pump tubing XD 8151 for 24 h use for any number of injections
- Fewer insertion steps simplify set-up procedure
- Further improvement of the particle filter performance increases patient safety
- Patient tubing with two check valves

## Injector display

Simple, safe and fast operation

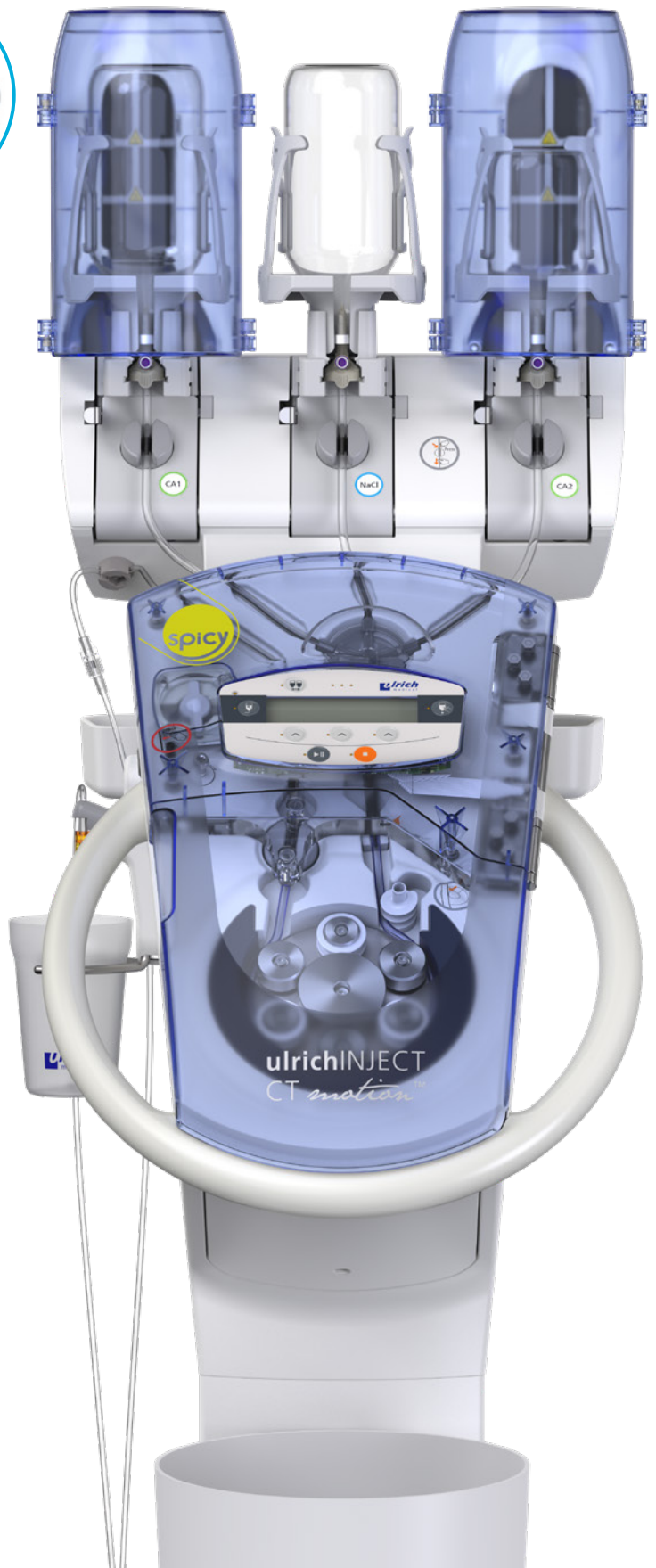
## Touch terminal

- High-resolution color display
- Wireless connection to injector
- Capacitive touchscreen

## Cordless operation

- 24 h battery output
- Lithium-ion battery

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



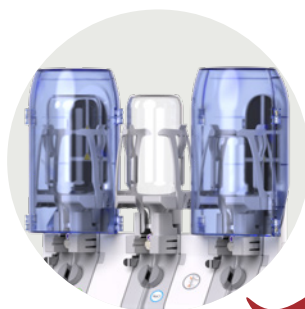
# Hardware features

## *User-friendly. Simple. Efficient.*



### Automatic media label recognition via Barcode Reading

- Automatic data transfer into manufacturer-independent PACS and/or DMS
- Less manual data entry necessary



### 1L GE contrast media Pluspak compatibility plus heat maintaining

- Ideal media supply for high patient throughput. 4L in total (2× 1L contrast media + 2L NaCl)
- Optimal contrast media viscosity and patient comfort thanks to integrated heat maintaining



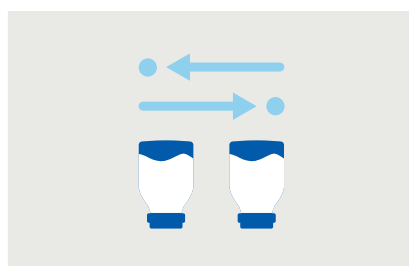
### Easy set-up and changeover

- Set-up: Insert pump tubing. Connect patient tubing. Attach media containers. Done!
- Changeover: Detach patient tubing. Connect new patient tubing. Done!



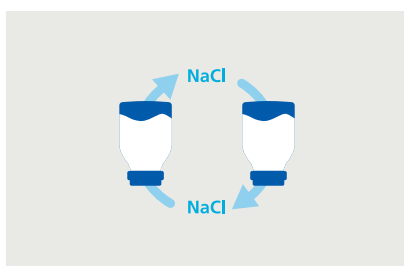
Scan now to learn more about the optimized pump tubing

## Multi contrast media use



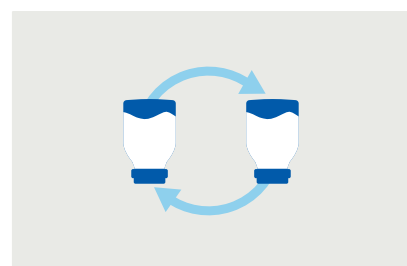
### Tandem for changing over contrast media

- With the same active ingredients at the touch of a button
- No changeover of the 24 h pump tubing required thanks to the automatic rinsing program



### Extended tandem

- Use of contrast media with different active ingredients
- No changeover of the 24 h pump tubing required thanks to the rinsing program



### Seamless

- Double contrast media supply thanks to automatic switchover with identical contrast media
- Low contrast media wastage and increased patient throughput. Patient changeover in just a few seconds\*



These are our new SPICY features

\* Compared to our products with only one contrast media connection point