

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.



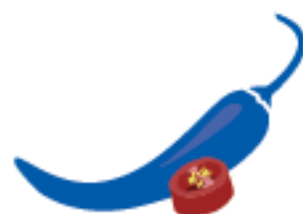
Learn more about RIS/PACS

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 (2x 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!



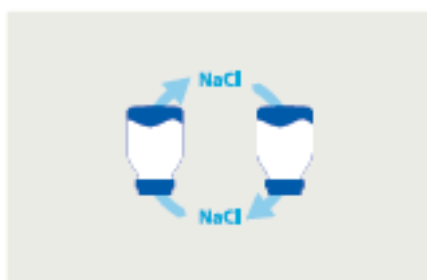
Scan now to learn more about the optimized pump tubing

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



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 tubing¹
- Direct injection from the original media containers
- Closed system
- Reliable protection against retrograde contamination²
- 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

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.

Technical data

Dimensions (L x W x H)	Pedestal version: 645 mm x 645 mm x 1.464 mm
Weight	Pedestal version: 79 kg, ceiling version: 30 kg plus support arm
Power supply	Rechargeable battery and mains operation
Voltage supply (battery charging)	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 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 (> 26°C to 37°C)
Adjustable default pressure limit	2 – 17 bar (29 – 247 psi)
Maximum system pressure	22.4 bar (325 psi)
Air monitoring	3 detectors for the media supply tubing, 1 air detector for the pump tubing, 1 air 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 bolt (phases) per injection program	40 max.
Number of storable injection programs	99 max.
Pressure curve	Real-time display of the injection pressure curve
Software functions (standard)	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
Software options (license)	Same patient Contrast media substitution Tandem Start delay Stopwatch Elapsed time SYNCOpen™ CDAdapt™ RIS/PACS Interface Media Scan (included in RIS/PACS Interface)
Injector accessories	Tray, waste bin, saline rod
Disposables	Patient tubing 1.5 m, 2.5 m or 3.2 m Pump tubing 24 h

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