

CT motion™

CT contrast media injector

EFFICIENT AND
TIME-SAVING



Ulrich
medical

dedicated to you.

Software features

Your workflow has never been easier.

SYNCopen™

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



Learn more about SYNcopen™ now

RIS/PACS Interface

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



Learn more about RIS/PACS now

SEE.

Beyond Injection
RIS/PACS Interface
by ulrich medical

Innovative technology made in Germany

Injector display

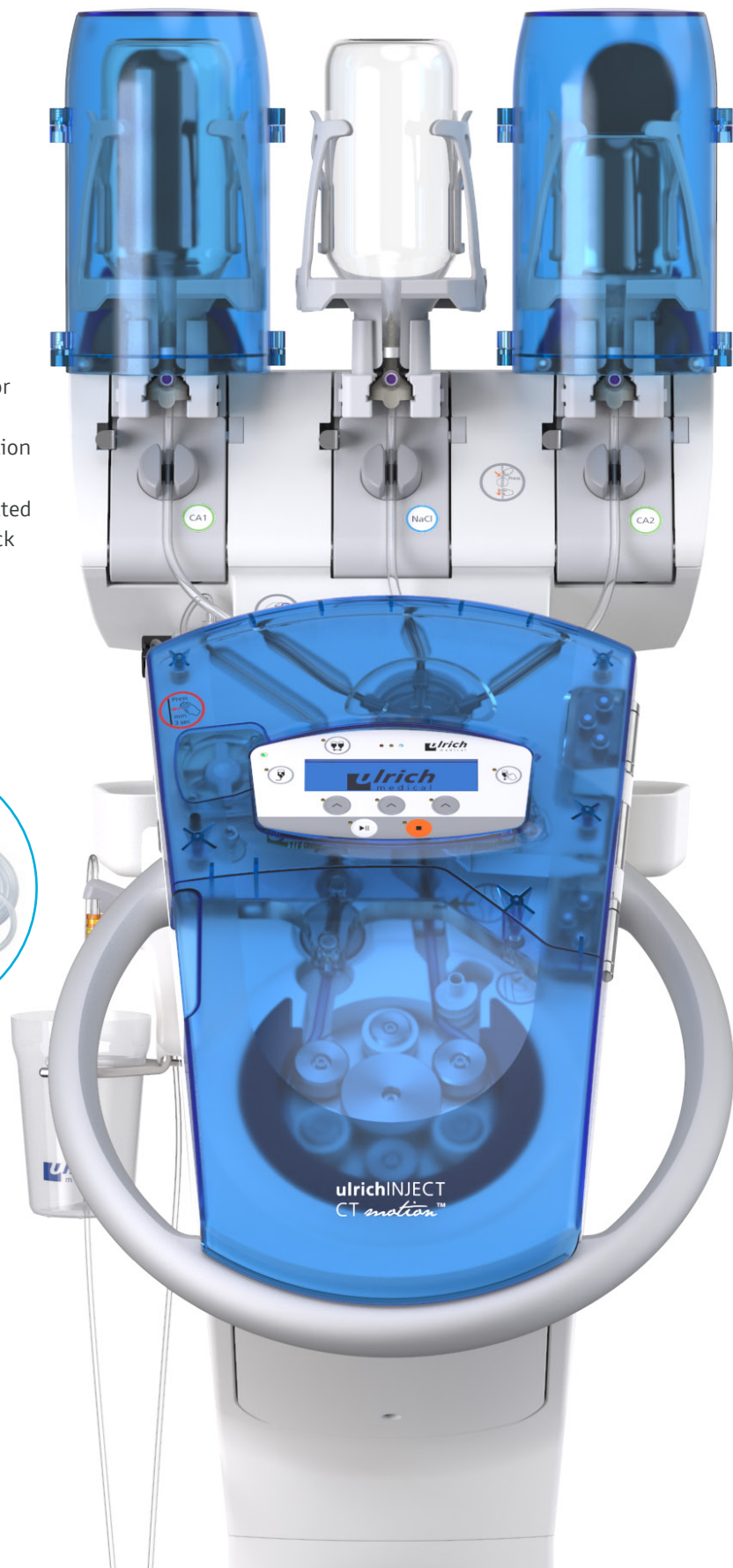
Simple, safe and fast operation

Cordless operation

- 24 h battery output
- Lithium ion battery

Two-piece tubing system

- Pump tubing for 24-hour use for any number of injections
- Simple set-up with fewer insertion steps
- Patient safety thanks to integrated particle filter, air filter and check valves
- Patient tubing with two check valves



Hardware features

User-friendly. Simple. Efficient.



Touch terminal

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



Integrated heater for optimized patient comfort

- Ideal media supply for high patient throughput
- Optimized contrast media viscosity and patient comfort



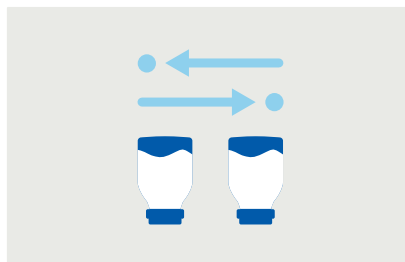
Easy set-up and changeover

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



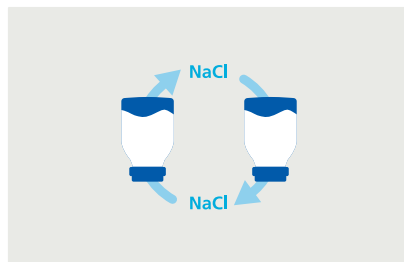
Scan now to learn more about the optimized pump tubing

Multi contrast media use



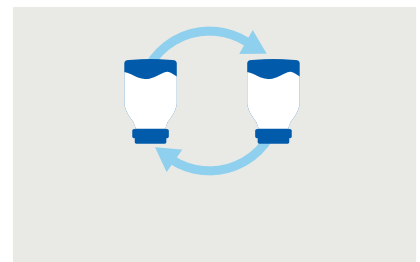
Tandem

- Changeover of contrast media with the same active ingredients at the touch of a button
- No changeover of the 24-hour pump tubing required thanks to the automatic rinsing program



Extended tandem

- Use of contrast media with different active ingredients
- No changeover of the contrast media or 24-hour 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*

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



Reliability and 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-hour 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



Individual all-round service and support

- Extensive network of highly qualified service engineers
- Expert staff training and on-site application support
- Telephone support and assistance
- Tailored service contracts
- Fast repair and loan unit service
- Regular technical safety checks

¹Source: 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.

²Source: 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 (LxWxH)	Pedestal version: 645×645×1,445 mm
Weight	79 kg
Power supply	Rechargeable battery and mains operation
Voltage supply (battery charging)	100–240 VAC / 50/60 Hz
Media transport	Roll 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 max. 2× 500 ml NaCl max. 1× 2,000 ml pedestal version NaCl max. 1× 1,000 ml ceiling version Contrast media heater (> 28°C to 37°C)
Maximum system pressure	17 bar (246.6 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
Quantity of boli (phases) per injection program	40 max.
Quantity of injection programs that can be saved	99 max.
Pressure curve	Real-time display of the injection pressure curve
Software functions (standard)	<ul style="list-style-type: none"> – Seamless – Display of remaining quantity – NaCl backup – Manual/time-controlled pause – Keep-Vein-Open (KVO) – Standard/temporary pressure limit – Heater
Software functions	<ul style="list-style-type: none"> – Tandem – Same patient – Elapsed time – Stopwatch – RIS/PACS Interface – SYNCopen™ – Contrast media substitution – Start delay
Injector accessories	Tray, waste bin, saline rod
Disposables	Patient tubing 1.5 m, 2.5 m or 3.2 m 24-hour pump tubing

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



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