

CT *motion*™

Less waste Fewer steps

Do more with syringeless™

More than 30 years of roller
pump injector experience



GE HealthCare



Syringeless CT Contrast Media Injector

With less prep time, streamlined patient turnover and fewer setup steps between patients, the automated syringeless technology of CT motion™ helps facilitate efficiencies that keep your radiology suite moving.



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



Facilitates workflow efficiencies



Bluetooth-enabled



RIS/PACS Integration



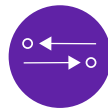
Cost-effective



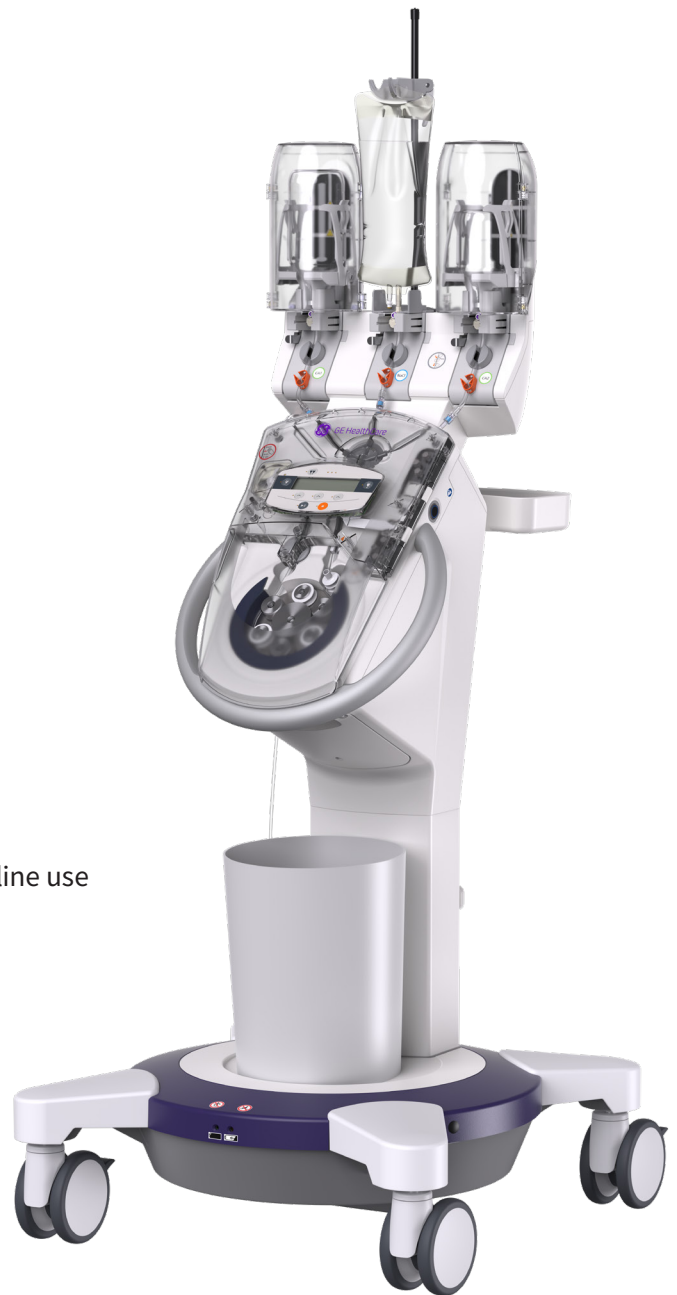
Hygienic closed system



Advanced air and pressure monitoring, integrated particle filter



Helps optimize contrast media and saline use



Delivering Innovation and Workflow Efficiencies

Integrated CM heat retainers to maintain CM temperature in container

Saline rod for up to 2000 mL of saline (NaCl)

Media detectors with status indicator

Display unit that facilitates easier operation

Pressure sensors

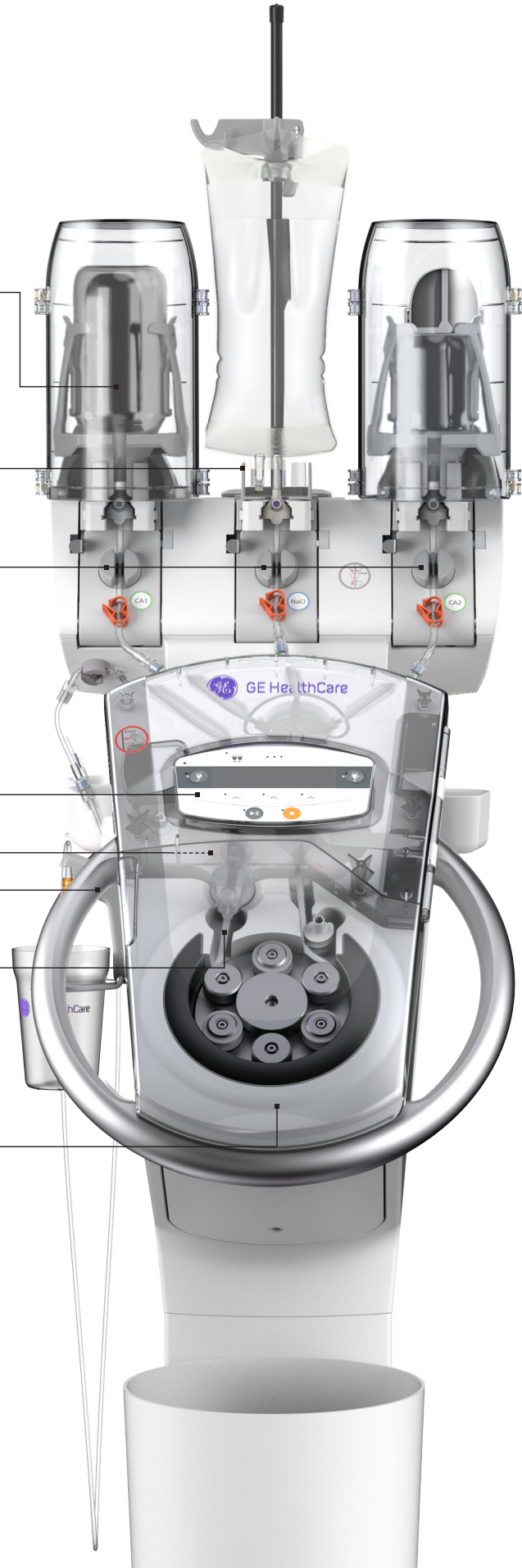
Patient tubing air detector

Pump tubing-flex air detector with status indicator

Large stainless steel roller pump to help achieve high flow rates

CT motion is used in CT procedures for the delivery of approved iodinated contrast media from GE HealthCare.

RIS/PACS interface automatically standardizes data transfer to support workflow efficiency and creates dose reports and record of prior injections to improve patient safety.



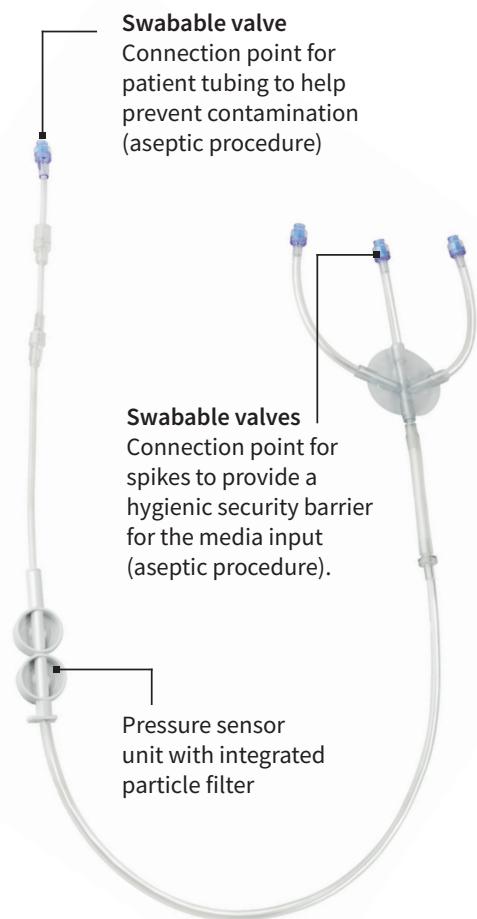
Consumables

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

Pump tubing-flex

24-hour 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)

Single-bottle use

Spike to be used with approved iodinated contrast medium in a variety of bottle sizes and dosage.

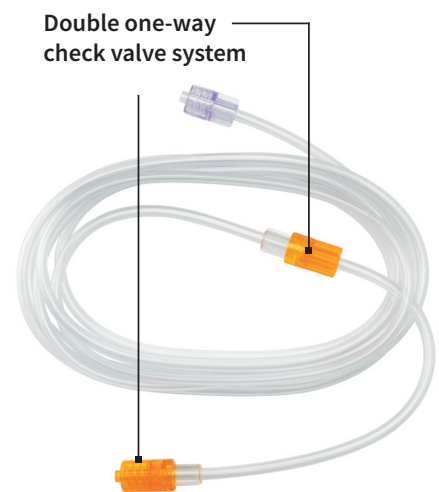
Integrated air filter



Patient tubing

Single-patient use

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.



Advantages

- Proven hygienic safety
- Economic consumption of disposables
- Easy handling
- Fast patient changeover
- Reduced stock-keeping of disposables

Terminal

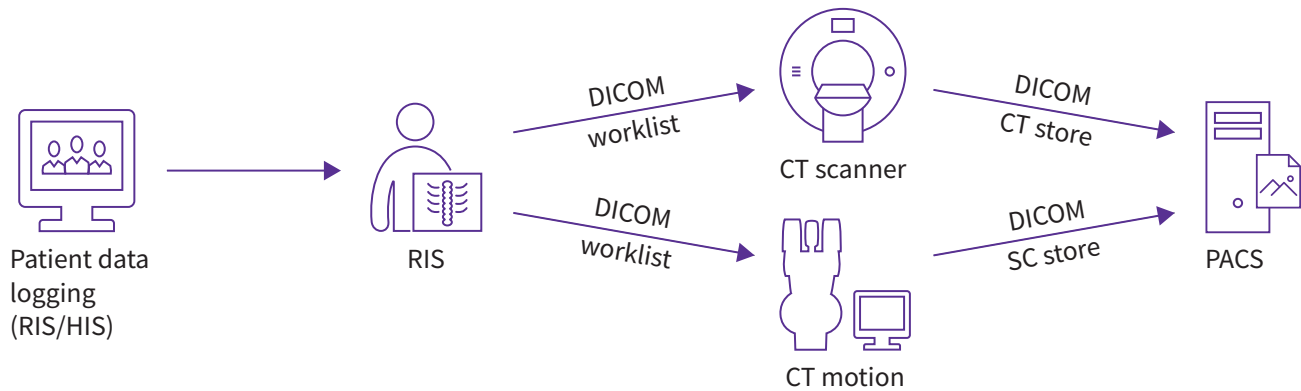
12" Color monitor with PCAP multitouch



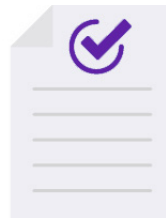
PCAP, projected capacitive touch screen.

OPTIONAL FEATURE

Save Time and Support Patient Safety With RIS/PACS Integration



Easy, standardized, and comprehensive documentation of contrast media injection using the DICOM standard



Can minimize error sources during data collection by means of standardized data transfer



Enhances efficiency by rapid availability of contrast media documentation via PACS



Quick access to the last 500 injections at the touch terminal



Statistical evaluations enabled by integration into dose management systems

Overview of Technical Information

Dimensions (L × W × H)	25.39 in × 25.39 in × 45.08 in (645 mm × 645 mm × 1445 mm)
Weight	174.17 lb (79 kg)
Power supply	Rechargeable battery and mains operation
Voltage supply (battery charging)	Voltage rating 100 – 240 VAC/50/60 Hz (automatic)
Media transport	Roller 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 NaCl: max. 1 × 2,000 mL
Heat retainer	Contrast media heat retainer (> 28°C/>82.4°F to 37°C/98.6°F)
Maximum system pressure	Setting: 2 – 17 bar _{avg} (29 – 246 psi _{avg}) Effective: up to 20 bar _{peak} (290 psi _{peak})
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 (98.4 in)

510 K Number: K171392
CT 4101331 R1/2019-05
Subject to technical changes, typographical errors and other errors.

Scan the QR code to learn more about CT motion



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www.gehealthcare.com/products/contrast-media/ct-motion



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