

Technical Specifications

Dimensions and Weight

Description	Specification	
Injector (Pedestal)	Dimensions (WxDxH)	76.2 x 68.6 x 167.6cm
	Weight (approximate)	76 kg
Control Room Unit	Dimensions (WxDxH)	29.2 x 20.2 x 25.9cm
	Weight	7.2 kg

Injector Specifications

Description	Specification
Fluid Delivery Method	Piston-based
Fluid Loading	Contrast Media: 50mL – 500mL Saline: 50mL – 1000mL
Reservoirs (volume)	3 x 200 mL reservoirs (two same API Contrast Media and one saline)
Air Detection	3 inlet air sensors to detect when bottles and bags run empty 1 outlet air sensor to detect air before it reaches the Patient Line Reservoir air detection and automatic air removal
Battery Performance	Up to 16 hours or up to 60 injections
Displays	2 independent, Wi-Fi enabled, full colour, touch screen units with modern graphical user interfaces located in the scan room and the control room
Barcode Reader	Integrated barcode reader on injector unit for contrast tracking and recording
Integrated Prime Container (volume)	680mL

Protocols Specifications

Description	Specification
Volume Range	1mL to 200mL for contrast and saline phases; 1mL to 400mL for DualFlow phases (in 1mL increments)
Flow Rate Range	0.1 to 10mL/sec in 0.1mL/sec increments
DualFlow	Simultaneous injection of contrast and saline in increments of 5%
Programmable Pressure Limit	From 50psi to 300psi in 1psi increments (also displayable in kPa and kg/cm ²)
Programmable Delay	1 second to 900 seconds in 1 second increments
Pause	Maximum pause time of 20 minutes
Injection Capabilities	Maximum of 6 phases per injection Maximum of 10 injections per exam
Skip to Next Phase	Enables the user to stop the current phase of an injection and start the next phase
Patency Check / Test Inject	Real time flow rate adjustment and multi-phase test injections

Disposables

Description	Specification
Patient Line	Single use, 250cm, snap-in single hand design, 2 check valves, auto-primers upon insertion, recessed connection to prevent accidental touch
Day Set	Pre-assembled, labeled for 24-hour use, designed for set-up in less than 2 minutes, recessed connection to prevent accidental touch
Replacement Spikes	Labeled for 24-hour use, can be changed in case of an accidental touch, without having to change the entire Day Set

Workflow Solutions

Description	Specification
Automated Documentation	For access to contrast and injection information in PACS: Integrated barcode reader, Modality Worklist, PACS Interface
Processing Productivity	RIS Interface, Speech Recognition Interface, Radimetrics Interface
Scanner Connectivity	ISI2, Connect.CT
Smart Protocols	P3T algorithms calculate individualised injection protocols for cardiac CT, CT pulmonary angiography and CT imaging of abdominal organs. Protocol Assistant provides basic protocol calculations for a range of procedure types
eGFR Calculator	Available on injector and Control Room Unit as part of the standard configuration

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