

Technical specification	Description
Electrical Requirements	220VAC/110VAC, 50 or 60Hz, 200VA
Operation Interface	Available in English, French, Spanish, German and Chinese
Flow Rate	0.1–10 ml/sec. in increments of 0.1 ml/sec.
Syringe Capacity	100ml for Zenith–C10; 200ml for Zenith–C20
Volume	0.1 ml to syringe capacity in 0.1 ml increments
Pressure	Preset limit: 300 psi default, user settable from 50 to 350 psi in 1 psi increments Display: Real–time pressure curve Change threshold: Stop injection if pressure changing suddenly Alarm: Voice alarm and stop injection when over preset limit
Injection or Scan Delay	0 to 3599 seconds in 1 sec. increments
Autofill	Settable flow rate from 3 – 8ml/sec., volume from 10ml to syringe capability
Multi–Phase	1–8 phases per injection
Pause Phase	0–999 sec. in 1 sec. increments
Hold Capability	More than 30 minutes
Storage Capabilities	1000 protocols
Expel air locked	Unable to inject unless expelling air
Test injection	Settable flow rate from 0.1 – 5ml/sec., volume from 0.1 – 10ml
Heat maintainer	35–38 °C(optional)
Hand switch	Hand switch control pause and continue injection (optional)
Emergency stop function	Clicking anywhere on the touch screen of the console or pressing any button on the injector arm to stop protocol injection
Dimension	Injector Arm and Pedestal: L: 22.8" (58.0cm), W: 12.5" (20.1cm), H: 50.2" (127.5cm) Console: L: 4.55" (11.55cm), W: 12.68" (31.8cm), H: 9.77" (24.81cm) Main controller: L: 11.9" (30.2cm) W: 7.4" (9.1cm) H: 4.7" (12cm)
Weight	Injector Arm and Pedestal: 16.5Kg Console: 4.1Kg Main Controller: 6.2Kg



200C CT Single Syringe Injection System




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The company is entitled to change the size and shape without any notice following the national regulations on the medical devices.



P/N:C20/10-BR01(8)202 REV. B / 1, 2019.8

200C/a-b

CT Single Syringe Injection System

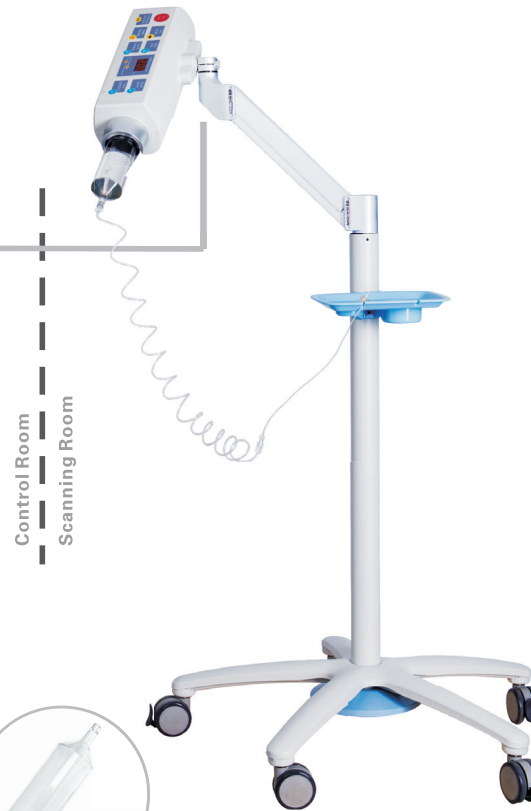
200C/a-b is suitable for CT enhanced scan and CT angiography. It provides enough pressure and rate, as well as multi-phases injection function to meet advanced clinical application requirements.



Console



Main Controller



Pedestal & Injector Arm



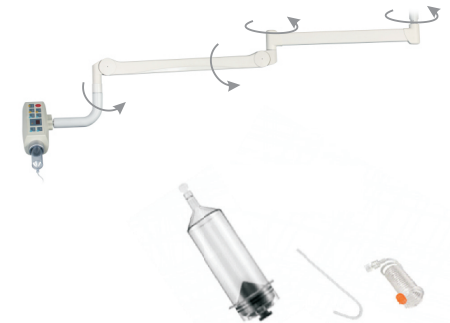
200C/a 100ml



200C/b 200ml

Suspended Arm System (Optional)

- Saving space of scanning room
- More flexible operation
- Getting injector arm and the patient closer



P/N C01-008-10

Consumable for 200C/b single syringe CT injector (one 200mL syringe, one extension tube, one filling tube)



P/N C01-001-10

Consumable for 200C/b single syringe CT injector (one 100mL syringe, one extension tube, one filling tube)

User-friendly Operations

- Programming complex protocols easily on 12" wide touch screen of console
- Performing all operations conveniently either on the console or on the injector arm
- Smart buttons of different functions making operation simply

Reliability & Safety

- High precision of flow rate and volume of injection
- Comprehensive real-time monitoring the pressure and system operating states
- Remote control of injection to reduce the radiations harmful to the operators
- Air expelling lock and warning before injections to reduce risk of air embolism

Scientific & Humanized Design

- The injector arm's height and direction are adjustable.
- The pedestal can be moved and locked randomly at expected place.
- The accessory tray frees the user's hands to focus on the operation.

Multi-purpose functionality

- Designed for use in multiple imaging environments, including CT, Peripheral Vascular Surgery, Mammography, HSG, IV Urography and more