

Accutron CT

Specifications

Application

- Battery operated, fully digital and user programmable injection system for contrast agent application for CT

Injector concept

- Compact injector controlled by microprocessor (stand with rollers)
- Swivelling injection unit contains the control electronics and the driving mechanics
- Aluminium housing
- Heatable syringe holder with Easy Loading Syringe (ELS) 200 ml
- Touch-screen control panel with different languages
- Tactile keys for manual piston movement, starting and stopping the injection
- Graphical display of the injection parameters
- Non-stick syringe holder

Mechanical design

- Secured injection position at an angle of about 15° below horizontal (built-in sensor), tilt through 90° to vent the system

- Total weight: about 24 kg, remote control: 3 kg

Power supply

- Operation is independent of the mains supply, thanks to high output, rechargeable batteries with a capacity sufficient for several days' operation
- Input voltage charger: 100 - 240 V, 50/60 Hz
- Power consumption charger: < 100 VA

Memory capacity

- 80 injection protocols

Filling of injections syringes

- Automatic filling via menu with volume input or manual filling with variable speed
- Filling speed: 1 to 5 ml/sec

Injection parameters Maximum injection volume

- 200 ml, programmable in steps of 1 ml

Partial injection volume

- 1 - 200 ml

Maximum pressure

- 21 bar (304 psi), programmable from 5 to 21 bar in 1 bar increments (72.5 to 304 psi in 14.5 psi increments)

Flow rate

- 0.1 - 10 ml/sec, programmable in steps of 0.1 ml/sec
- Alternatively, input of volume or duration

Number of phases

- 1 to 6

Injection delay

- 1 - 255 sec

Phase delay

- 1 - 255 sec

Scan delay

- 1 - 255 sec

Remote control

- Wireless touch-screen remote control (corresponds to the control panel of the injector)
- Alternatively, display of injection parameter or pressure graph

Options

- Wall or ceiling suspension system
- Use of pre-filled syringe
- Hand switch
- Interface capability



Subject to technical alteration

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