

MEDTRON's Multitasking Champion

The new Accutron[®] MR3

A contrast media injector with
integrated infusion pump

- (Administration of fluids even during the MR-examination!
- (Only one remote control is required!
- (Tried-and-tested innovative Accutron[®] technology
Made in Germany!

For an even easier administration of contrast media, physiological NaCl solution and fluids!
Perfect also for stress MRI-examinations:
everything managed by a single remote control

- (Additional new features:
 - Auto-Hold function for interrupting the injection between two phases and resuming the process later
 - Keep-vein-open function for maintaining the vascular access during lengthy examinations



Technical data of the Accutron® MR3

A wireless, battery-operated and user-programmable double-piston injector for the injection of contrast media and physiological saline solution in MRI.

Furthermore, the injector is equipped with an additional infusion pump for a continuous administration of fluids even during the MRI-examination.

Mechanical structure:

- Swivelling injection unit connected with a mobile stand column
- Injection position at an angle of 15° below horizontal; tilt vertically upwards for venting

Device concept:

- Multi-phase program controlled injection of contrast media and physiological saline solution
- Infusion pump
- Drive, control and batteries are integrated in a single compact unit
- Touch screen control panel with different menu languages
- Buttons for manual movement of the piston, starting and stopping of the injection
- Syringe holder for Easy Loaded Syringe (ELS) 65 ml/200 ml
- Keep-Vein-Open function (KVO)
- Energy-saving mode/Stand-by mode
- Auto-Hold function
- 3 Tesla suitable
- Low-battery alarm function

Electrical supply

- Network independent operation thanks to rechargeable high power batteries
- Input voltage battery charger: 100 – 240 V, 50 – 60 Hz
- Power consumption battery charger: < 100 VA

Injection profiles:

Users can edit and store 80 profiles

Filling of the injection syringes:

- Automatic filling via the filling menu during the input of the volume or manual filling at variable speeds
- Filling speed: 1 – 4 ml/s, adjustable in steps of 1 ml/s

Injection parameters:

Injection volume:

- Contrast media: 0.1 – 64 ml in steps of 0.1 ml
- NaCl: 0.1 ml – 200 ml in steps of 0.1 ml
- Infusion pump: 0.01 – 50 ml in steps of 0.01 ml

Maximum injection pressure:

- Contrast media/NaCl: 21 bar adjustable from 5 – 21 bar in steps of 1 bar

Feed rate:

- Contrast media/NaCl: 0.1 – 10 ml/s, adjustable in steps of 0.1 ml/s
- Infusion pump: 0,001 – 30 ml/min, adjustable in steps of 0,001 ml/min

Amount of phases (optionally):

- 1 – 6 injection phases (KM, NaCl only)
- 1 – 6 injection phases (fluids only)
- 1 – 6 combined phases

Injection delay:

0.1 – 600 s, adjustable in steps of 0,1 s

Remote control:

- Touch screen radio remote
- Optional display of injection parameters or pressure curves

Options:

- Combination of bottle holder, cup holder, tube holder
- Hand release switch on the remote control