

# MEDTRON's Multitasking Champion

## Accutron<sup>®</sup> MR3

Contrast media injector  
with integrated infusion pump

- ( MPRO Assist\* simplifies dose calculation for your CARDIAC STRESS MR-exams
- ( Infusion of medication even during the MR-examination
- ( Control of complex exams on one single remote control

Additional new features:

- Extended compatibility with pre-filled syringes
- Now with memory of the last 40 injections



\* MEDTRON ProfilAssistant

## 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
- 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
- Memory of the last 40 injections

### Filling of the injection syringes:

- Automatic filling via the filling menu
- 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:

- Wireless touch screen remote control
- Optional display of injection parameters or pressure curves

#### Options:

- Combination of bottle holder, cup holder, tube holder
- Hand switch on the remote control
- Extended compatibility with pre-filled syringes