

# Accutron® MR3

The Accutron® MR3 was specially developed for magnetic resonance imaging. It is a dual head injector with an additional integrated infusion pump. Besides its design, which is specially adapted to the scanner's magnetic field, it also has the same highly precise technological properties and capabilities as all Accutron® injectors.

## CLINICAL GAINS

- Hygiene: All Accutron® injectors are made easy to clean, as they do not have any hidden sources of contamination such as inaccessible spaces or interiors. This minimises the risk of contamination.
- Safety: The KVO function (KVO = Keep Vein Open) keeps veins open for longer examinations, especially if an injection is paused during the examination.
- Expanded functional scope: The Accutron® MR3 was designed for performing pharmacological cardiac MRI stress tests. The integrated infusion pump allows the administration of additional fluids required for performing diagnostic examinations.

## OPERATIONAL GAINS

- Control: Showing the injection parameters on the display enables reliable monitoring of the injection. This can be paused and continued at any time during the examination.
- Flexibility: The Accutron® MR3 can also be equipped with pre-filled syringes in addition to our ELS\*200 mL and ELS\*65 mL.
- Mobility: The wireless Accutron® MR3 can be effortlessly moved to the MRI room.

## FINANCIAL GAINS

- The Accutron® MR3 can also be used as a normal dual head injector and is thus predestined for all conceivable requirements in magnetic resonance imaging.
- Our comprehensive range of disposables for single use and multiple use for eight or 24 hours perfects the injector in terms of flexibility. This allows you to keep your running costs low and generate an optimum cost-benefit ratio.

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ACCUTRON® MR3



- Effortless insertion and removal of Easy Loading Syringes (ELS)
- Additionally integrated infusion pump for administration of specific medications
- Visual control of the injection parameters
- Flexibility thanks to wireless operation

PRODUCT SELECTION

ARTICLE DESCRIPTION ARTICLE NUMBER

MODELS

Accutron® MR3 Battery Version	Mobile dual head injector with integrated infusion pump on rollers with high-output batteries	MR882
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EQUIPMENT (INCLUSIVE)

Remote Control	Touch screen, with Bluetooth connection, incl. mains supply, transmitter and antenna
Charger	With country-specific plug
Cupholder and Bottle Holder	Holder on the injector including cup
Instructions for Use	Detailed description on how to use the device, incl. service log book
Adapter	For empty syringes 64 mL ELS*(2x)

OPTIONAL ACCESSORIES

Software Option Pre-Filled Syringe Type D-1	Enables the use of pre-filled CM syringes via an adapter - Dotarem glass syringe, ProHance, Magnevist, Gadovist, Omniscan, Clariscan	490163
Software Option	Enables the use of pre-filled CM syringes via an adapter - Dotarem plastic syringe	490146
Infusion Stands	For Accutron® MR3 with cupholder and cup	490201

TECHNICAL DATA

Injection volume:

**max. 200 mL** per head,  
partial injection volume  
0.1 - 64 mL (CM),  
0.1 - 200 mL (NaCl),  
0.01 - 50 mL (infusion)  
programmable in 0.1 mL  
increments

Phases:

**1 to 6** phases

Injection pressure:

**max. 21 bar**, 5-21 bar,  
in 1 bar increments

Flow rate:

**0.1 - 10 mL/s**,  
programmable  
in 0.1 mL/s increments,  
optional selection of flow  
rate or phase duration

Injection profiles:

**80 profiles**, can be edited  
& stored by the user

Phase and  
injection delay:

**0 - 255 s**

Filling speed:

**1 - 4 mL/s**, CM/NaCl,  
programmable in  
1 mL/s increments

Keep Vein Open:

**1 mL** every 2 minutes

Subject to technical alterations.

