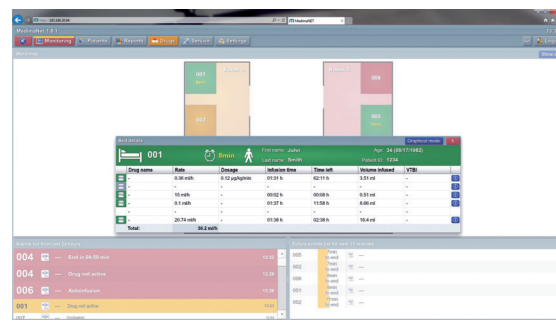


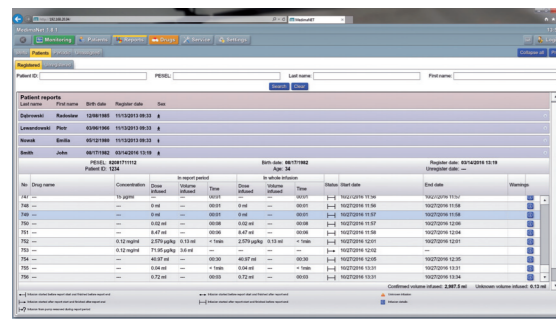
MedimaNet provides information about infusions out across the Care Unit or even by individual pumps and automatically transfers it to PDMS/HIS.



Centralized alarm system indicates pumps currently in active operation requiring intervention. Remaining infusion time list indicates incoming events.



Patient's infusion screen shows all the details of the actual therapy.



Configurable charts and reports allow statistical analysis of completed infusions and assist with implementation of new DERS technologies.

Syringe pumps

Flow rates	0.01 - 2000 ml/h
Syringe types	2 - 50/60 ml of all world known brands, automatic type recognition, other syringes may be calibrated according to customer needs
Flow rate accuracy	±2% in accordance with EN 60601-2-24
Operation modes	ml/min, ml/h, ml/24h ng, µg, mg, g, µEg, mEg, Eg, mIU, IU, kIU, mIE, IE, kIE, mmol, mol, cal, kcal, J, kJ Units/kg, lb, in2, m2/ min, h, 24h continuous, intermittent and profile (24 cycles) infusion TPN mode PCA/PCEA mode TCI/TIVA mode *
Occlusion pressure detection	12 levels, 50 mmHg - 900 mmHg, automatic reduction of occlusion bolus
Drug library (S300 only)	6000 drug protocols, 40 Care Units, 40 categories Soft and hard limits, advisory notes, alarm priority, security level, max syringe size, additional pump configuration parameters for each drug and care unit
Additional functions	Colour display, touch screen Automatic syringe fixation, improper syringe fixation alarm Infusion parameters protected by password with two levels of protection Fast keypad lock History log with minimum 2000 entries, each containing event date and time Night mode Connectivity to hospital information system (HIS) via MedimaNet software Automatic configuration by Medima Toolbox or MedimaNet software
Power supply	100 - 230 V AC, 12-15 V DC, internal battery NiMH, 30h - 5ml/h, 4.5 hour to full charge
Weight	Less than 2.2 kg
Classification	Protective Class II, type CF, defibrillation proof, IP 22
Compliance	EN 60601-1, EN 60601-1-2, EN 60601-2-24, EN-1789, MDD 93/42/EEC - II b

Volumetric pumps

Flow rates	0.1 - 1200 ml/h
IV set	PVC DEHP-free, with automatic free flow protection
Flow rate accuracy	±5% in accordance with EN 60601-2-24 (with Medima Line IV sets)
Operation modes	ml/min, ml/h, ml/24h ng, µg, mg, g, µEg, mEg, Eg, mIU, IU, kIU, mIE, IE, kIE, mmol, mol, cal, kcal, J, kJ Units/kg, lb, in2, m2/ min, h, 24h continuous, intermittent and profile (24 cycles) infusion TPN mode PCA mode TCI/TIVA mode *
Occlusion pressure detection	12 levels, 50 mmHg - 900 mmHg, automatic reduction of occlusion bolus
Drug library (P300 only)	6000 drug protocols, 40 Care Units, 40 categories Soft and hard limits, advisory notes, alarm priority, security level, additional pump configuration parameters for each drug and care unit
Additional functions	Colour display, touch screen Infusion parameters protected by password with two levels of protection Fast keypad lock History log with minimum 2000 entries, each containing event date and time Night mode Connectivity to hospital information system (HIS) via MedimaNet software Automatic configuration by Medima Toolbox or MedimaNet software
Power supply	100 - 230 V AC, 12-15 V DC, internal battery NiMH, 15h - 25ml/h, 4.5 hour to full charge
Weight	Less than 2.1 kg
Classification	Protective Class II, type CF, defibrillation proof, IP 22
Compliance	EN 60601-1, EN 60601-1-2, EN 60601-2-24, EN-1789, MDD 93/42/EEC - II b



Infusion systems have never been so easy
Simple and intuitive operation
Colour display with touch screen
State-of-the-art precision infusions

Medima Modular Infusion System

Medima infusion systems – versatile and flexible solutions, tailored to the individual needs of hospitals and clinics. Multiple pumps and docking stations with software designed to cover all Critical Care Areas.

Straightforward and intuitive interface using colour touch screen technology spells an end to complicated and hard-to-reach menus. Touch the selected element on the screen and the pump is ready for programming. Quick and safe to change the infusion rate, VTBI, occlusion pressure or start other pump functions. Infusion systems have never before been so easy.

Numeric keyboard combined with unique security features protects against errors whilst providing the quickest and safest way to enter infusion parameters.

Leading edge Medima drug library. Possibility to create one shared library for an entire hospital divided into separate lists for each Care Unit. Drug library synchronization via MedimaNet to all Medima pumps without infusion interruption. One file for all Care Units ensures real time up-to-date library. All individual Care Unit lists are accessible for use at the point of care.

Drug dosing procedures contain not only recommended infusion parameters, soft and hard limits, but also other data including alarm priority, recommended and maximal syringe size, advisory notice/warning, security level and password. The same procedures can be used for both syringe and volumetric pumps.

Automatic syringe fixation system with inherent size recognition, intelligent system of occlusion and air in line detection are some of the most important infusion safety features of Medima pumps.

Unrivalled infusion accuracy and continuity, even at extremely low flow rates, from 0.01 ml/h for syringe pumps and 0.1 ml/h for volumetric pumps.

Medima volumetric pumps are unique mechanisms ensuring high accuracy even in the long term, 96-hour infusions and the protection of blood during transfusions. Medima Line IV sets are equipped with Free Flow Protection Clamps and made of DEHP-free materials.

Medima docking stations ensure quick and easy creation of comprehensive infusion therapies at the patient's bedside. Bright light signals informing about pump status are visible from considerable distance.

Network software MedimaNet provides information about infusions out across the Care Unit or even by individual pumps and automatically transfers it to PDMS/HIS. Installed on a single computer (or server), it works with any workstation with standard browser. Centralized alarm system indicates pumps currently in active operation requiring intervention. Remaining infusion time list indicates incoming events. Configurable charts and reports allow statistical analysis of completed infusions and assist with implementation of new DERS technologies.



Syringe pumps



S100

- Infusion in ml/h
- Flow rates 0.01 – 2000 ml/h
- Min. syringe size 2 ml

S200

- S100 capabilities
- Infusion in all popular units
- Continuous infusion, Intermittent infusion, Profile infusion

S300

- S200 capabilities
- Drug library (DERS)

S300PCA

- S300 capabilities
- PCA infusion

S300TCI

- S300 capabilities.
- TCI infusion

Volumetric pumps



P100

- Infusion in ml/h
- Flow rates 0.1 – 1200 ml/h
- DEHP - free sets with Free Flow Protection Clamps

P200

- P100 capabilities
- Infusion in all popular units
- Continuous infusion, Intermittent infusion, Profile infusion

P300

- P200 capabilities
- Drug library (DERS)

P300PCA

- P300 capabilities
- PCA infusion

P300TCI

- P300 capabilities.
- TCI infusion



Docking Stations

DS100

- Available models for 2/4/6/8 pumps
- Automatic Power supply
- DS102A/DS102AC - docking stations for two pumps installation in ambulances

DS200

- DS100 capabilities
- Light signals informing about pump status

DS300

- DS200 capabilities
- Ethernet, WiFi, USB

Light status signals:

- - INFUSION
- - STOP
- - ALARM LOW PRIORITY
- - ALARM HIGH PRIORITY