Infusomat® P

Broader application spectrum through
extended performance features

RUNS ON NEW
SOFTWARE

Compatible with
standard i.v. administration sets
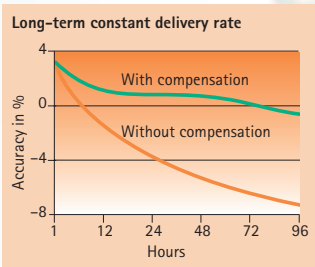
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Infusomat® P

Volumetric infusion pump	**Classification:** CF, defibrillation-proof, protection class I
Delivery performance	**Delivery range and rates:** 0,1 – 999.9 ml/h; smallest increment that can be entered is 0.1 ml/h
	Accuracy of delivery rate setting: typical ±5 % with Intrafix® P i.v. administration set, measurement time 24 h, temperature 22°C
Function spectrum	**Volume selection:** 0.1…9999.9 ml / **Time selection:** max. 99 h 59 min
	Automatic calculation of delivery rate: from volume and time settings
	Bolus administration, adjustable parameters: bolus volumes 0,1…99.9/500.0 ml, bolus rates 1…999.9 ml/h, interval times max 99 h 59 min
	Dose calculation: automatic calculation of delivery rate, ml/h from input µg/mg/IE or mmol per ml volumes, time-based per min/h/day (24 h) and/or body weight- and time-based, per kg and/or per min/h/day (24 h)
	History function: time-based storage of 350 events for therapy analysis
	Piggyback function: sequential delivery of primary and secondary infusion by switch-over
	Standby infusion pause: max. 24 h, set values remain stored
	Drug selection: up to 9 drug names displayed
	Deactivatable drop control: linked to volume setting
	Data lock: keyboard lock prevents alteration of preset values
	Battery capacity display: in h and min
Configuration	**Integrated service program for application–specific configuration and technical diagnosis of equipment**
Information	**Large, illuminated display:** shows delivery rate, mains/battery operation, "pump in operation", alarm situation, functions/operator guidance and alarm sources are displayed as text messages
	Info prompt: current volume, current time, dosage, battery capacity, hours of operation

Safety system	**Drop control:** operation possible with or without drop sensor
	Flow clamp: prevents free flow when pump door is opened
	Air detector: minimizes risk of air infusion

		Low	High
Selectable occlusion alarm pressure settings:		approx. 0.6 bar	approx. 1.2 bar
Alarm response time for rate	1 ml/h	17 min	30 min
	25 ml/h	45 sec	72 sec
	100 ml/h	12 sec	18 sec
Bolus volume in system		0.3 ml	0.5 ml

	Visual and acoustic alarms: pressure alarm, drop alarm, air alarm, standby alarm, low battery pre-alarm, battery alarm …
	Staff call: max. 24V / 1A/ 24VA (VDE 0834)
	KOR, Keep-Open-Rate: for delivery rates > 10 ml/h = 3 ml/h and < 10 ml/h = 1 ml/h
Main / battery operation, dimensions	**Rated voltage:** 230V, 50/60 Hz ~ (see ordering information)
	External extra-low volage: 12 V ⎓
	Battery type: NiCd (rechargeable) 6 x 1.2V; 1.2Ah
	Battery operating/recharge time: > 3.0 h at max. delivery rate / > 16 h
	Dimensions (W×H×D)/weight: 140×240×200 mm/approx. 3.1 kg
Interfaces	**Interface port:** RS 232 for automatic generation of therapy documentation /therapy management
	MFC plug-in contact for fm intensive workstations: data transmission, staff call, voltage supply and potential equalization
Software, updates, system extension	**Software upgrades/updates via interface:** extended performance spectrum / updating performance parameters using PC programs
Warranty, technical inspections	**Warranty:** 24 months from delivery date
	Technical inspections: at two-year intervals

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The safety system for less stress

■ The operator guidance features provide all the information required for safe set up and operation. The main parameters are always in view.

■ A flow clamp prevents "free flow" when the pump door is opened. The air detector minimises the risk of air infusions.

■ An adjustable shut-down pressure setting reduces the bolus volume and shortens alarm response time in the event of system occlusion.

Higher performance, more consistent long-term delivery rates

■ The optimized pump control of the Infusomat® P provides more consistent delivery rates during longterm infusions. The declining delivery rate typically observed with PVC infusion lines with increasing infusion time is compensated electronically.

■ Improved pump control also allows delivery rates up to 999.9 ml/h.

New functions for a broader application spectrum

■ Switching-over between a primary and a secondary infusion in "piggyback" mode is easier. The current infusion program is interrupted for dosage of the second infusion.

■ The Infusomat® P now features a "history" function for clinical course analysis. A data memory stores a record of the last 350 events and settings. The history can be transfered to computer via interface.

Easy setting, automatic dose calculation

■ Direct rate input or automatic calculation of the delivery rate based on volume and time settings. The rate can be adjusted, if necessary, without stopping the infusion.

■ Bolus application by pre-selectable parameters.

■ Dosage units are administered according to body weight and/or time. Easy parameter input mode, automatic calculation of delivery rate.

Long-term constant delivery rate

Infusomat® P – even more consistent delivery rates during long-term infusions. Decreasing resilience of PVC infusion lines is compensated electronically. The curve was calculated on an Intrafix® i.v. administration set at a delivery rate of 100 ml/h at 22°C.

More flexibility with standard sets

■ Compatibility of standard i.v. administration sets like Intrafix® P eliminates the need to change the set when switching from gravity to pump infusion.

■ A selection of further standard sets from other manufacturers can be activated in the service program if desired.

Fast and safe fixation of the set. Flow clamp prevents "free flow" when the pump door is opened.

Can be used, either on stands, rails or as a table-top device. Integrateable into fluid manager system and info fm intensive workstations.

Infusomat® P – Ordering information

Infusion pump and accessories

Volumetric infusion pump		Code No.
Infusomat® P	230 V	0871 2379
Infusomat® P	200/240 V	0871 2212
Infusomat® P	100/120 V	0871 2387

Equipment supplied:

Drip sensor with 2 adapters for drip chamber large/small	
Universal clamp fm, rotable	

Suggested accessories	Code No.
MFC-connecting lead for potential equalisation	0870 1628
MFC-Connecting lead for staff call	0871 1682
MFC-connecting lead for ambulances (12V)	0871 1674
MFC-interface lead for RS-232, electrically isolated	0871 1661
Universal adapter for drip sensor	0871 1747
Infusion tripod, short with drip chamber holder	0870 1644

Disposables

Intrafix® P i.v. administration sets	Code No.
Intrafix® P, silicone-coated spike, length of tubing: approx. 180 cm	0407 0038
Intrafix® Air P, length of tubing: approx. 150 cm	0406 2957
Intrafix® Air P, silicone-coated spike, length of tubing: approx. 150 cm	0406 2930
Intrafix® Air P, tubing length approx. 180 cm	0406 2981
Intrafix® Air P, silicone-coated spike, length of tubing: approx. 180 cm	0406 2990
Intrafix® Air RV P, with back-check valve for parallel infusions, length of tubing: approx. 150 cm	0406 3252
Intrafix® Air RV P, with back-check valve for parallel infusions, length of tubing: approx. 180 cm	0406 3287
Intrafix® Air-matic® P, length of tubing: approx. 150 cm	0406 3953
Intrafix® Air-matic® P, length of tubing: approx. 180 cm	0406 3988
Intrafix® Air-matic® P, silicone-coated spike, length of tubing: approx. 180 cm	0406 2973
Intrafix® Air-matic® RV P, with back-check valve for parallel infusions, silicone-coated spike, length of tubing: approx. 150 cm	0406 3759
Intrafix® Air-matic® RV P, with back-check valve for parallel infusions, silicone-coated spike, length of tubing: approx. 180 cm	0406 3783

A system for safety

Create your own custom workstation with fm intensive/fm anaesthesia.
Just ask – we'd be delighted to advise you!

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