

# Flexibility and mobility: Perfusor® compact and Perfusor® compact S

## Leading-edge technology in a compact design

Easy syringe change, automatic size-recognition and proper fixation.

Excellent start-up characteristics, high accuracy of the set delivery rate and flow consistency even at low infusion rates.

Appropriate delivery rate adjustment without the need for interruption of the delivery. Bolus application at the touch of a key with simultaneous display of the delivery volume.

## Innovative pressure sensor

Short reaction time during occlusion for every syringe size.

Automatic bolus reduction for re-starts with more accurate dosage following a pressure alarm.

## Perfusor® compact

The handy syringe pump for the use on all wards.

## Stackable mobile units that lock together

Mobile performance packages consisting of up to 3 Perfusor compact units which lock together for safe transportation, allowing uninterrupted continuation of infusion therapy during patient transportation.

## Battery operation for up to 80 hours

The Perfusor® compact can be battery operated. The inexpensive AA batteries can be exchanged easily.

## Perfusor® compact S

Wide selection of syringes and very low delivery rates for the special requirements in paediatrics and neonatology.



Performance data Perfusor® compact and Perfusor® compact S	
<b>Model, Classification</b>	Syringe pump, CF, defibrillation-proof, protection class II, IIb (complies with CE/MPG).
<b>Syringe selection</b>	Perfusor® compact: 20 and 50 ml. Perfusor® compact S: 2/3, 5, 10, 20, 30 and 50/60 ml, user-specific configuration possible.
<b>Delivery rate</b>	Perfusor® compact: 0.1...99.9 ml/h. Perfusor® compact S: 0.01...200.0 ml/h (depending on the syringe size used).
<b>Accuracy</b>	Accuracy of the set delivery rate: typ. ± 2%, (measurement time > 1h and delivery volume > 2 ml).
<b>Bolus parameters</b>	Bolus rate Perfusor® compact: 800 ml/h. Bolus rate Perfusor® compact S: 1-1200 ml/h.
<b>Function spectrum</b>	Delivery volume pre-setting: 0.1 to 999.9 ml. Perfusor® compact S: Time pre-selection: 00:01 to 99:00 h. Perfusor® compact S: Automatic calculation of the delivery rate based on volume over time. Standby infusion pause: pre-set values remain stored.
<b>Display</b>	Display: syringe type/size, delivery rate, current infusion, infused volume, pressure alarm, alarm sources, mains/battery operation/capacity.
<b>Safety system</b>	Automatic recognition of syringe size/fixation. Occlusion alarm pressure limits selectable: 0.3/0.6/1.2 bar. Automatic reduction of the bolus volume following pressure alarm. Perfusor® compact S: Data Lock – keys are blocked. Pre-alarms; 3 min. before syringe is empty, 30 min. before battery is discharged. Visual and acoustic alarms with interruption of pump operation: incorrect syringe insertion / fixation, occlusion, end of delivery, empty syringe, battery discharged. Alarm reminders in case of no input. System alarm signals a defect/delivery failure. Staff call connection.
<b>Interfaces</b>	RS 232, MFC-Plug-in contact for fm system workstations.
<b>Mains</b>	Integrated power supply, rated voltage 230/240 and 100/110 V, 50/60 Hz ~ Power consumption: 12 VA. External extra-low voltage: 12 V ..... DC.
<b>Battery operation</b>	Battery type: 4 x 1.5 V DC alkaline-manganese, (non-rechargeable). Battery operating time > 80 h at ≤ 10 ml/h. Optional battery pack, rechargeable. Battery operating time > 10 h at ≤ 10 ml/h, re-charge time > 16 h.
<b>Dimensions</b>	(W x H x D): 190 x 100 x 120 mm. Weight 1.5 kg approx.

