

tricumed

innovation in medication.



siromedes®

First implantable infusion pump with dual function. The siromedes® provides a continuous and/or variable drug delivery and therewith ensures an optimal infusion therapy.

Reliability

- life time of 500 punctures
- high flow rate accuracy
- suitable for pH-values of all current infusion pump therapy drugs
- variable programmable drug flow and/or constant drug delivery
- optimal dosage adjustment due to high flow rate variance
- optimal infusion therapy through continuous infusion delivery
- battery lifetime min. 8 years

MRI- Compatibility:

- up to 3 Tesla
- no special protocol is required for MRI; no measures necessary before or after MRI
- pump is constantly operable also during MRI

Comfort:

- wide variety of sizes
- possibility to change between variable flow and constant flow at any time
- reduction of doctor visits possible because of large reservoir volumes
- predictable refilling cycles
- anatomically adapted design
- easy programming by programmer
- easy calculation of concentration with the programmer
- by switching from programmed to continuous flow: increased battery lifetime

Safety:

- reduced risk of skin perforation
- alarm tones for increased safety
- radiopaque bolus septum
- EMERGENCY TURN OFF for variable flow
- storage and display of pump settings / reading out history
- continuous flow even at end of battery life
- easily palpable filling septum in central position

Therapy:

- long term pain treatment with morphine
- spasticity treatment with baclofen (Lioresal® intrathecal)

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Technical Data:

pump lifetime:	500 punctures
lifetime of the pump battery:	min. 8 years
lifetime of filling septum:	500 punctures using the authorized cannulas
lifetime of bolus septum:	250 punctures using the authorized cannulas
case material:	titanium
application in:	pain and spasticity therapy
complete diameter of the pump:	78 mm
diameter refill septum:	8 mm
diameter bolus septum:	6 mm
weight (40 ml pump without drug):	~150 g
driving gas and pressure:	n-butane, 3.48 bar at 37°C
guarantee / warranty:	2 years



Programming of the siromedes®

Function:

- calculation of drug combination and filling amount
- display of current settings
- reading out the pump data using a PC and/or printer
- information storage for changes in programming
- setting adjustment for foreign travel to another time zone
- easy handling and menu navigation by touchscreen
- rechargeable battery

Technical Data:

length:	17 cm
width:	9 cm
height:	3.5 cm
weight:	360 g
battery life:	5 h
display:	touchscreen
display size:	4.3"
telemetry distance to pump:	5 cm



Order numbers (other sizes, flow rates and accessories available upon request)

reservoir volume	20 ml	40 ml
basal /variable flow rate per 24h: 0.25 ml/ from 0 ml to 3.0 ml	210V0250203000WA	210V0250403000WA
0.50 ml/ from 0 ml to 3.0 ml	210V0500203000WA	210V0500403000WA
0.80 ml/ from 0 ml to 3.0 ml	210V0800203000WA	210V0800403000WA
total height:	25.5 mm	31.8 mm
programmer	210V000020W0	