



Volumetric Infusion Pump AP 31P

Simple, safe & reliable

Designed to meet the needs of modern I.V. therapy in ICU, CCU, anesthesia, cardiology and oncology.



Key features:

- extremely simple handling
- wide range of infusion rate
- easy modification of infusion parameters in running course
- comprehensive system of audible and visual alarms & warnings
- free-flow blocking device
- long battery life
- 3 modes of operation: flow rate, flow rate and volume, flow rate and time

Please visit our web-site: www.ascor.com.pl to get a detailed information about our whole product range.

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Performances:

Flow rate range:	1 to 1000 ml/h (programmable in 1 ml/h steps)
Volume to be infused:	1 to 10 000 ml (programmable in 1 ml steps)
Infusion time selection:	up to 99 h 59 min 59 sec
Setting modes:	flow rate only, flow rate and volume, flow rate and time
KVO rate:	1 ml/h for flow rate 1 ÷ 10 ml/h 2 ml/h for flow rate 11 ÷ 100 ml/h 3 ml/h for flow rate 101 ÷ 300 ml/h 4 ml/h for flow rate 301 ÷ 500 ml/h 5 ml/h for flow rate 501 ÷ 1 000 ml/h
Flow rate accuracy:	±5%
Occlusion pressure limit:	80 ± 20 kPa (0,8 ± 0,2 kg/cm ²)
Compatible I.V. set:	only special (dedicated) ASCOSET® Peristaltic infusion sets with silicone insertion can be applied
Extended system of alarms and warnings (both audible and visual):	Alarms: occlusion, end of infusion, KVO infusion, air in line, door open, no mains, discharged battery. Prealarms: 5 min left to the end of infusion, low battery.

Technical specifications:

Pumping system:	peristaltic finger
Power supply:	230 V AC ±10%, 50/60 Hz, max. 5 VA or from a built-in battery
Built-in battery:	rechargeable, NiCd battery of increased durability
Battery life:	min 4 h at a flow rate 1 000 ml/h 24 h at a flow rate 5 ml/h
Battery charging time:	24 h
Electrical safety:	Class II, type BF (IEC 601 part 1), IP31 (splash-proof)
Air bubble detector:	ultrasonic, air in line alarm with air bubbles of 0,05 ml in size
Drop detector:	optical, with digital disturbance filtration
Weight:	3,6 kg
Dimensions (W x D x H):	140 x 230 x 230 mm
Operating temperature:	5° - 40° C
Pump fixation:	AP 31P can be placed onto a table, or secured to a pole or bed-frame with the incorporated clamp

Note: Specifications and design are subject to change for improvement without notice

version 2005/01/AP31P/GB

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