



Linear Pump ST1000

TECHNICAL FEATURES

www.samtronic.com.br

MODEL	ST1000
Pumping system	linear peristaltic
Flow rate	0.1 to 999.9 ml/h, 0.1 ml/h increment
Volume limit	9999.9 ml
Time limit	from 1 min to 99 h and 59 min
Tubing	standard, 3.6 - 4.2 mm PVC
Programming	- ml/h x volume limit - time x volume limit - weight x concentration x dose
Occlusion pressure	- from 0 to 900 mmHg - from 0 to 120 kPa
Special functions	- adjust occlusion - titration - fluid balance - clear volume - adjust KVO - adjust bolus - sound level - purge - memory of last infusion - macro/micro drops selectable - choice of language (Portuguese, English, Spanish)
KVO	programmable from 0.1 to 3.0 ml/h
Bolus	programmable from 0.1 to 3.0 ml/h
Flow rate deviation with standard tubing	up to 999.9 ml/h (programmable)
Air-in-line detection	+/- 5% of programmed flow rate
Display	ultrasonic sensor
Pre-alarms	blue character LCD, monochrome
Visual and/or audible alarms	- end of battery power - end of infusion - fluid balance - air-in-line - free flow - KVO rate - occlusion - door open - no drops (empty container) - infusion completed - low battery - programming error - stand-by
Power supply	110 - 230V, 50/60 Hz
Battery	- NiMH, rechargeable - battery life: 6 hours at 25 ml/h
Weight	2.3 kg
Width x height x length	160 x 205 x 230 mm

Certifications: **GMP (Good Manufacturing Practice) - CE 0499**
NBR IEC 60601-1 - NBR IEC 60601-2-24 - NBR IEC 60601-1-2

Technical features may be altered without prior notice, depending upon technical innovation and improvements.



Samtronic Indústria e Comércio Ltda.
 Rua Venda da Esperança, 162 - CEP 04763-040
 São Paulo - SP - Brasil
 Tel.: 55 11 2244-7750 - Fax: 55 11 2244-7766



European Authorized Representative Center
 Avenue de Tervueren 34 bte 44, B-1040 Brussels, Belgium
 Ph : +32.(0)2.732.59.54 - Fw : +32.(0)2.732.60.03
 www.obelis.net

