



MODEL MS 100V

Single Syringe Pump for Vet



Key Features:

- Easy to Setup and operate
- Audio Visual Alarm
- Highly Precise
- Inbuilt Battery Backup
- Micro Controller based Design
- Automatic Syringe Size Detection
- Injection modes: Flow rate, time-based, body weight

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Technical Specifications

Parameter	Specification
Syringe Size	10, 20, 30, 50ml
Applicable Syringe	2 brands built-in (BD, B. Braun), 10 brands for user-defined
Volume	0.1-9999 ml <1000 ml in 0.1 ml increments ≤1000 ml in 1 ml increments
Flow Rate	Syringe 10 ml: 0.1-400 ml/h Syringe 20 ml: 0.1-600 ml/h Syringe 30 ml: 0.1-900 ml/h Syringe 50 ml: 0.1-1300 ml/h <100 ml/h in 0.1 ml/h increments or decrements ≤100 ml/h in 1 ml/h increments or decrements
Bolus Rate	Syringe 10 ml: 400 ml/h Syringe 20 ml: 600 ml/h Syringe 30 ml: 900 ml/h Syringe 50 ml: 1300 ml/h
Accuracy	± 2%
Display	LCD Display; Running Mode Message Display
Infusion Mode	Flow rate: ml/min, ml/h Time-based Body weight: mg/kg/min, mg/kg/h, ug/kg/min, ug/kg/h
KVO Rate	0.1-1 ml/h in 0.1 ml/h increments or decrements, adjustable
Alarms	Occlusion, syringe drop off, near empty, end program, low pressure, end battery, AC power off, motor malfunction, unattended pump, syringe moved accidentally, pressure sensor error
Additional Features	Syringe identification, bolus, real-time shift totals, occlusion pressure release, mute, automatic power switching, residue reminder, system memory
Occlusion Sensitivity	High: 0.02-0.06 Mpa Medium: 0.06-0.09 Mpa Low: 0.09-0.12 Mpa
Power Supply, AC	110/230 V, 50/60 Hz, 20 VA
Battery	9.6 ±1.6 V, rechargeable
Battery Life	5 hours at 5ml/h
Relative Humidity	20 to 90%
Working Temperature	5-45°C
Atmospheric Pressure	860-1060 hpa
Size	314*167*140 mm
Weight	2.5 kgs

Mediaid Inc.

17517 Fabrica Way Suite H
Cerritos, CA 90703 USA
(Tel) 714-367-2848 (Fax) 714-367-2852
www.mediaidinc.com info@mediaidinc.com