

# Optima VS Volumetric Infusion Pump

## General Features

- Class A neonatal linear peristaltic infusion pump
- Secure table top, pole or clamp mounting
- Horizontal loading prevents contamination of pump mechanism
- Back-lit LCD and an LED panels ensure all infusion parameters and alarms are clearly shown at all times
- CE-marked for all fluids (crystalloid, colloid, blood and TPN)
- Unique air-detection system eliminates 'air-in-line' alarm errors
- Very easy and intuitive to operate
- Alarm volumes are adjustable



Solid mounting options on the Optima VS, shown here with the Mantis mount for kennel doors

## Technical Summary

- Accuracy +/- 2 - 5% with compatible sets
- Normal infusion mode: 1-1,000 ml/hr
- Micro infusion mode: 0.1-100 ml/hr
- KVO rates are adjustable (3-20ml/hr)
- Down-stream air detection; sensitivity is fully adjustable
- Anti-bolus system prevents bolus dosing after occlusions
- Dynamic Pressure Monitoring system allows extremely accurate pressure management
- Pump mechanism is very gentle on tubing, allowing prolonged infusions on a single set or extension
- Advanced programming modes for fluid management are very simple to use, and makes patient management easier
- Dimensions (mm; H x W x D): 135 x 145 x 145. Weight = 2.9 Kg



Horizontal loading keeps the pump mechanism clean

## Infusion Modes

- ⇒ Normal
- ⇒ Micro
- ⇒ Pause (up to 24 hrs)
- ⇒ Bolus - safe & simple bolus administration
- ⇒ Sequential - up to 20 steps programmable
- ⇒ Ramp up/Ramp down - TPN fluids



Clear alarm and information display on LCD panel

## Optima-specific products

- ⇒ Optima 20 & 60 sets
- ⇒ All ModuFlo sets
- ⇒ All transfusion lines (page 6)
- ⇒ Optima Pump Extension (for all luer-connected sets)
- ⇒ Parallel chamber extension



## Product Summary and Code

### Pump

Optima VS volumetric pump

### Product Code

J1335