

# INFUSION PUMP

## ManoPump iV2

✓ KENNEL  
MOUNT &  
IV STAND SUPPORT  
INCLUDED  
✓ LONG  
OPERATING LIFE



# When should an infusion pump be used?



## • Intensive care

A continuous infusion is vital for any dehydrated patient.

The flow rate is conditioned by the required volume and the duration of the infusion:

1 - Initial deficit to compensate

Deficit to compensate (liters) = Weight (Kg) x % of dehydration / 100

Example: 3 kg cat dehydrated by 15% ->  $Q = 3 \times 0.15 = 0.45 \text{ l}$  (450 ml)

2 - Maintenance need:

Large dog = 60 ml/kg/24h - Medium dog = 50 ml/kg/24h - Small dog or cat = 40 ml/kg/24h

3 - Loss:

4 ml/kg vomiting - 200 ml/kg diarrhea - 1-2 ml/kg urinating

## • Surgery

A correctly perfused animal will wake up faster (no hypovolemia), moreover, the kidney failure risk is considerably reduced.

Recommendation for intraoperative infusion flow rates:

- Low blood loss: 10ml/kg/h
- Normal blood loss: 15ml/kg/h
- High blood loss: 20ml/kg/h

During postoperative process, the infusion must be maintained until the patient wakes up.

The **ManoPump iV2** infusion pump is equipped with a battery running up to 10 hours :

- ✔ to monitor the patient before, during and after the surgery
- ✔ to allow uninterrupted operation even in case of power shortages
- ✔ to be used at the clinic as well as outside (home-based care, transportation)

### ManoPump iV2 technical data:

▶ Accumulated volume	From 0.1 to 9999 ml
▶ Display	2.8" (7 cm) color TFT screen
▶ Infusion time left	Yes
▶ Flow	From 0.1 to 2000 ml/h
▶ Modes	ml/h (include rate mode, time mode), body weight, drip, micro
▶ Accuracy	+/- 5%
▶ Air bubble detection	50, 100, 200, 400, 800 µl
▶ Occlusion settings	4 levels (50, 150, 300, 600, 900 mmHG)
▶ Entry capacity	30
▶ Data review	2000
▶ Quick setting use	Access to the 20 latest settings
▶ Protection classification	IP44
▶ Dimensions and weight	13x9x14 cm - 1.45 kg
▶ Operating life	5h at 25 ml/h
▶ Power	100-240V, 50-60 Hz
▶ Safety and operating alarms	Yes
▶ Self-diagnostic	Yes
▶ Mounting system	IV stand support and kennel mount included



IV stand support



Kennel mount



22 rue Charles de Gaulle  
22100 Lanvallay - France  
Tel. +33 (0)2 96 85 86 76

[export@manomedical.com](mailto:export@manomedical.com)

[www.manomedical.com](http://www.manomedical.com)