SK 600l - SK 600IB

**Infusion Pumps**

**Portable compact infusion pump**

**Excellent performance - low price!**

Our SK 600I/SK 600IB infusion pumps are compatible with most of the current silicone IV sets. This compact device works both on battery and mains supply and is perfectly adapted for veterinary use.

**Application:**
- During surgery
- In reanimation
- On dehydrated patients

**Flow and performance:**
- Flow: SK600I 1 - 600 ml/h, SK600IB 1 - 2000 ml/h
- Volume limit: 1 - 9999 ml
- Accuracy: +/- 5%
- Flow rate KVO: 1ml/h
- Occlusion pressure: 4-14 psi

**Display:**
- Flow rate
- Programmed volume
- Accumulated infusion volume
- Battery load indicator
- Over (infusion completed)
- Occlusion alarm
- Air bubble alarm

**Alarm:**
- Over (infusion completed)
- Occlusion
- Air bubble
- Installation error
- Machine malfunction

**Technical information:**
- Flow rate: SK600I: 1-600ml/h, SK600IB: 1-2000ml/h
- Infusion volume: 1 - 9999 ml
- Accuracy: +/- 5%
- Dimensions: 120 x 140 x 195 mm
- Weight: 1.7 Kg
- Power supply: 100-240V, 50/60 HZ
- Battery: Rechargeable lithium battery 7.4 V, 1600 Ah
- Battery stand-alone: approx. 2 hours

An IV pump offers a precise and progressive infusion and allows total control of flow rate and constancy.

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SK600I - SK600IB Infusion Pumps

Application fields for the SK 600I - SK600IB

1. Intensive care

A continuous infusion is vital to any dehydrated patient. The flow rate is conditioned by the required volume and the duration of the infusion:

Volume to infuse = initial deficit to compensate (1) + maintenance need (2) + loss (3)

(1) Deficit to compensate in litre = Weight (Kg) x % of dehydration / 100

Example: 3 kg cat dehydrated by 15% -> Q = 3 x 0.15 = 0.45 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

2. Surgery

An animal whose infusion was correctly set will wake up faster (no hypovolemia), moreover, the kidney insufficiency risk is considerably reduced.

During surgery:

Low blood loss: 10 ml/kg/h / with
Normal blood loss: 15 ml/kg/h
High blood loss: 20 ml/kg/h
Infusion liquid: Lactated Ringer’s solution

Post-operative care until discharge: 2 ml/kg/h

Infusion liquid: 1/3 of isotonic sodium chloride solution, 2/3 of isotonic glucose solution

Long-term infusion:
Long-term infusions show much better results than other ways of administration.

Accuracy:
By means of a IV pump the animal can be supplied with exactly the necessary volume of medication or liquid according to its size and needs.

SK 600I or SK600IB are beneficials:
SK 600I and SK600IB infusion pumps can be used with most of the current IV sets. The investment gives an excellent return. Moreover, an infusion pump is comfortable and safe both for you and your client and ensures advanced care efficiency.