Why buy an apexx 930 IV Pump?

Because you need to infuse:

<table>
<tr><td>

1. During intensive care

If patient exhibits symptoms of dehydration.
You need to calculate the volume to infuse, the amount of time to infuse, as well as the flow rate.

Volume to infuse =   Initial deficit to compensate (1)
                    + maintenance requirements (2)
                    + losses (3)

(1) Deficit to compensate in litre = Weight (Kg) x % of dehydration/100
Ex : 3 kg cat dehydrated at 15% Q= 3 X 0.15 = 0.45 litre (450 ml)

(2) Maintenance need :   Big dog = 60 ml/kg/24 h
                        Medium dog = 50 ml/kg/24 h
                        Little dog or cat = 40 ml/kg/h

(3) Losses :   4ml/kg for vomiting
              200 ml/kg for diarrhea
              1–2 ml/kg/h for urine

</td><td>

2. During surgery

An animal under anesthesia will wake up faster (no hypovolemia) when the correct infusion is used.

Flow rate:

* During surgery

    Surgery with less bleeding: 10ml/kg/h
    Surgery with normal bleeding: 15 ml/kg/h
    Surgery with excessive bleeding: 20 ml/kg/h

* After surgery

    Until the owner comes back: 2ml/kg/h
    Liquid to infuse: mixed solution (isotonic solute)
    1/3 NaCl, 2/3glucose isotonic solute

</td></tr>
</table>

*To summarize, the pump can be fixed to a rolling infusion stand
that can stay next to the animal during the whole day
(before, during and after the surgery)*

Because you need to infuse slowly:

The speed at which the pump infuses is important. With an infusion pump, you can infuse a specific quantity during the day or the night.

Because it's economical:

The apexx 930 Volumetric Infusion pump allows the veterinarian to use the most economical IV sets. It will quickly pay for itself due to the huge number of infusions. Furthermore, an infusion pump brings you comfort and security allowing you to practice better care.

Because it prevents infusion interruption:

The pump pushes the liquid to infuse whatever position the animal is in.

Because it's important to infuse the correct quantity during a certain time:

A quality infusion pump allows the user to infuse the correct quantity to the animal. With other pumps, small animals receive too much liquid and large animals don't receive enough.

apexx veterinary equipment