



# MiniTemp

## *Veterinary temperature monitor with comfort zone indicator*

**A ROBUST hand-held temperature monitor designed specifically for the veterinary market.**

*This simple to use monitor is compatible with the industry-standard 400 series of temperature sensors.*

*Vetronic Services also manufacture a range of miniature sensors for the MiniTemp so the unit can be used with all species ranging from mice to elephants*

Maintaining your patient in the comfort zone (39.6°C to 36.6°C / 103.2°F to 97.9°F) gives re-assurance against hyperthermia and hypothermia

### **Key features**

- Clear LCD screen for easy viewing
- Red/green flashing LED indicates comfort zone
- Can be used on all species from mice to elephants
- Compatible with industry-standard YSI 400 series temperature sensors
- Housed in a rubber protective boot to withstand drops and knocks
- Long battery life: 200 hours run time/six months standby
- Can be configured for use with Vetronic standard temperature sensors or with the Vetronic range of mini sensors
- Can be used with the Vetronic Oesophageal Temperature Sensors in cats, dogs and horses

### **MiniTemp offers the following:**

- ✓ Reliable temperature monitoring
- ✓ Suitable for very small and very large animals
- ✓ Long battery life
- ✓ Centigrade/ Fahrenheit display
- ✓ Accurate to 0.1 degree
- ✓ Robust shock-proof case and rubber boot



## MiniTemp

### *Veterinary temperature monitor with comfort zone indicator*

The MiniTemp is a small, hand-held battery operated temperature monitor designed specifically for use with animals. The monitor supports two common ranges of temperature sensor – the industry-standard YSI 400-compatible range and the 8415 miniature range. The miniature sensors measure just 1.2mm in diameter and are suitable for use with small mammals and exotic species. The standard temperature sensors measure 4mm in diameter and are suitable for all larger species. The introduction of the concept of a comfort zone for temperature monitoring is designed to enable the user to see at a glance if the animal is within the comfortable range of body temperatures. The comfort zone is designed for use with mammals and has a lower limit of 36.6°C (97.9°F) and an upper limit of 39.6°C (103.2°F). This relates to one degree above and two degrees below normal body temperature. When the temperature being monitored is within the comfort zone the LED at the top of the unit flashes green.

For temperatures outside the comfort zone, the LED flashes red.

The unit is housed in a robust rubber boot resistant to drops and knocks. The boot also has a built-in tilt stand for improved viewing angles.



#### Technical Specification

##### Mechanical

Weight	125g (225g with fitted rubber boot)
Dimensions	86mm x 145mm x 34mm
Construction	Rugged ABS plastic case housed in a rubber boot

##### General

Screen size	25mm x 18mm
Screen type	128 x 64 pixels, transreflective LCD
Electrical supply	Alkaline or rechargeable 9v PP3 battery only
Battery life	200 hours run time, six months standby

##### Temperature Sensors\*

Temperature range	5°C to 45°C
Accuracy	+/- 0.1°C within specified range. Accuracy outside of this range is unspecified

##### Standard 400 Series:

Rectal type	2m x 4mm, terminated in 6.35mm standard jack plug
Surface type	2m x 8mm disc, terminated in 6.35mm standard jack plug

##### Miniature Series (8514):

Rigid probe	1.2mm tip housed in a 2mm x 80mm rigid metal probe
Flexible probe	1.2mm tip housed in a 2mm x 270mm flexible sheath, terminated with a 3.5mm jack plug

\*MiniTemp can be fitted with a module to support either the standard sensors, or the miniature sensors, but not both. Requirements must be specified when ordering.

