

RFID reader and Thermometer - RT16T/ RT16BT

The RT16T displays ID number and temperature

The RFID electronic thermometer developed by the company Atria only allows to display the temperature that is given when reading ISO temperature chips, Atria and MSD as well as “Fever check®” chips.

It is mainly intended for owners of animals, dogs, cats, horses. in order to facilitate the health control of their animal. In case of fever it is strongly advised to consult your veterinarian as soon as possible

You should know that the normal temperature of dogs and cats varies between 37.5°C and 38°C. Those of puppies and kittens are higher, around 39°C. As for the horse, its normal temperature ranges from 37.5° to 38°C, that of the foal which can reach up to 38.5°C. The temperatures stated above are rectal temperatures. The temperatures displayed by the RFID thermometer are always slightly lower than rectal temperature with the exception of horses*.

We therefore advise the user to note the temperature of their animal during first readings (healthy animal, in a neutral atmosphere 18 to 22°C and at rest) and take this temperature as a reference during subsequent checks to determine if the animal is feverish. Any temperature varying by more than one degree from this temperature reference must attract the attention of its owner and lead him to consult his veterinarian.

** The chips implanted in horses are placed in the muscle mass and therefore better translate the temperature of the animal than chip injected under the skin as for pets. This explains why the temperature displayed in this case is equal to or very close to the rectal temperature.*

Using the Thermometer RFID

Press for 2 seconds to turn on the thermometer, press again to trigger the reading of the temperature which will remain displayed for 2 minutes before disappearing when the thermometer turns off automatically. Pressing the button for more than three seconds causes the thermometer to turn off.

Operating frequency: 134.3kHz

Microchip: Atria Thermique, Fever check, Thermochip (Petsure)

Reading range : 8/10cm

Display : TFT color , °C et °F

Indicators: led battery, buzzer

Communication interface : port USB C, Bluetooth en option (RT16BTT)

Battery: Built-in 3.7 V @ 400mA lithium battery

Recarga : USB port

Autonomy: 16h

Weight : 70g

Measures : 140mm x 32mm x 23mm

Protect./Resist.: IP54 waterproof/free fall to ground level 1 meter high

Operating temperature: -5°C à +50°C

Certification : CE, FCC, Rohs, UKCA.

