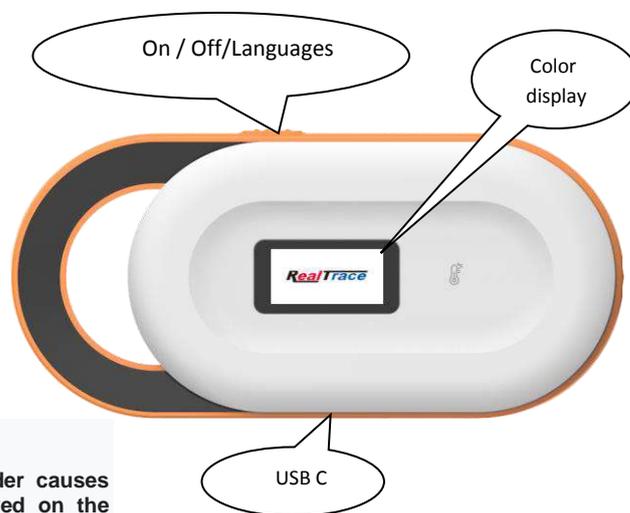# PetScan RT15T

Reader of ISO and Thermal electronic chips as well as Fever check

Complies with ISO 11784/85

User Manual

On / Off/Languages

Color display

USB C

Congratulations, you have just purchased your RT15T reader. This reader can read all electronic chips compliant with ISO 11784 type FDX-B, Thermal chips and Fever check, for animal and industrial applications. As you will see, it is extremely simple to use.

RT15T reader description

The reader has:
- *A side button intended to turn on/off the device and select the language.*
To turn on you must press at least two seconds, to turn off you must press for at least 4 seconds.
To select the language press two times consecutively the button. Three languages are available, french, english, spanish. Single press to confirm.
On the side opposite the power button there is a female USB connector which via a USB cable is used to recharge the lithium battery integrated into the reader.

- A TFT color OLED display

Reader functions

Reading an ISO FDXB "chip"
After turning on the player by pressing the side button for two seconds) the screen displays "**SCAN**"
By confirming with "OK" you activate the search for a "chip" for 10 seconds and the following message is displayed during the search
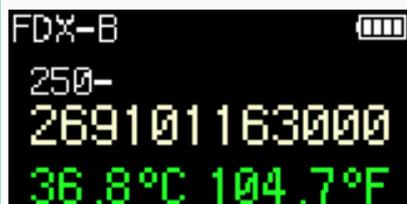   **" Scanning "**
The operator must approach the reader to where the chip is supposed to be by slowly scanning the area.

Two scenarios present themselves:

First case :
A chip is detected. The reader beeps and displays the ID number in the following form:

FDX-B
250-
269101163000
36.8°C 104.7°F

The identification number is presented on two lines. In the case of the photo above:
Country code: 250
The "chip" number: 269101163000
The number remains displayed for two minutes before the reader turns off.

Warning: turning off the reader causes the number that was displayed on the display to disappear.
Second case:

No transponder was detected.
After 10 seconds if no transponder has been detected, the reader displays:

No tag found

In this case, it is advisable to carry out new reading attempts, two to three times immediately by scanning the area more widely supposed implantation. Every news pressing the side button will restart the reading according to the process described previously.

Reading a "Fever check" chip
When reading a Fever check chip, only the temperature is displayed for 2 minutes.

Fever Check
36.8°C

If the chip read is at a temperature below 36°C the reader displays:
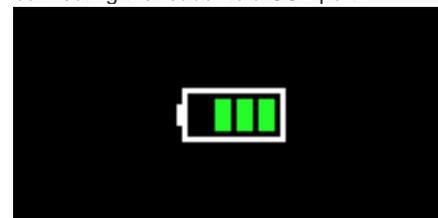
Fever Check
❄

If the chip read is at a temperature above 42°C the reader displays:

Fever Check
🔥

Battery charging

The reader is powered by a Lithium/polymer battery. This is designed to allow several thousand readings. It is recharged by connecting the reader to a USB port.

The battery life is several years. It depends on its use but also on the storage environment of the player.
A light on the right of the display provides information on the battery charge level. When the charge becomes too low the indicator turns red.
To replace the battery (see your distributor).
It is imperative to use only original batteries.

Characteristic
Complies with ISO 11784/85 standards
Dimensions: L 12cm, W 5.8cm, Thickness 1.5cm
Weight: 55g
Power supply: 3.7v 900mAh rechargeable battery
Reading distance 2 x 12mm FDXB 10/12cm
Reading of FDXB, Thermochip, Atria Thermal, Fever check chips.
Protection index: IP54
Comes with USB/micro USB cable
Storage temperature: -10° + 55°
Operating temperature: -5° to +50°
(beyond 40° reading distances can decrease).
Features automatic screen rotation.

For more information see the Manual complete with RT15T. https://www.realtrace.com

Certifications : ISO,CE,FCC,Rohs, UKCA
Warranty
Two years parts and MO factory return at the expense of the sender (except battery and display 1 year).

Designed in France and made in China