

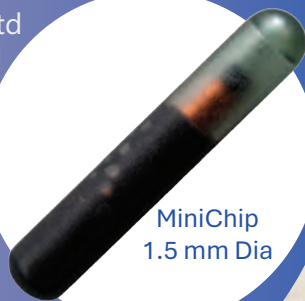
# Why microchip Mini TempChip?



In addition to acting as a unique identification device TempChips have an integrated temperature sensor, which makes it possible to measure an animal's subcutaneous temperature at the location of the chip. The SwissPlus ID TempChip is the latest in enhanced animal id solutions.

The "less stress" way to read and record temperature and identification.

Simple, effective, ISO Std and compatible with all ISO temperature enabled readers.



MiniChip  
1.5 mm Dia





## About the

# MiniTemp Chip

The MiniTemp Chip is compliant with the ISO 11784 standard but incorporates a temperature sensor. When reading this "Chip", its 15-digit number is displayed as well as the temperature of the place where it is implanted in the animal.

All temperatures given by MiniTemp Chip and all others known on the market are displayed by a range of industry-readers. One option is the V8BTT which is CE, FCC and CETIM approved.

Using a tri-mode Bluetooth module (BLE, SPP, HID) the V8BTT has the capacity to memorise 800 ID numbers and connects to our FREE App using iOS or Android. It can also enter data into fields using HID.

Multiple temperature values collected consecutively or regularly (during the daytime for several days, in the early morning and/or in the late evening) can establish a trend for an individual animal's profile and daily variations.

The V8BTT RT100 reader now also offers the ability to use a reference Temperature for more accurate measurements. This memory function is not activated when you receive the reader. If you want to use this function, it must be activated in the "TempRef" Menu.

In some instances where precision is required, recording a single temperature is not sufficient to be certain of having the correct Reference Temperature. For this reason it is recommended to take five temperature measurements. After taking these five initial readings from the "Chip", the reader will automatically calculate the average of the temperatures read and store it in its memory as the Reference Temperature. (see full instructions online at [swissplused](http://swissplused.com))

These five temperature measurements can be consecutive or spaced over several days (recommended for horses).

This process of calculating the reference temperature is entirely automatic, the reader taking care of calculating the average of the temperatures read as well as recording them in its memory. Each temperature reading is associated with the ISO chip identification number. It is also possible to erase a reference temperature using the functions of the V8BTT reader.

Although it may be obvious, it is necessary to remember that the temperature of the animal depends on factors such as its state of health, the ambient temperature and its physical activity.

In order to have the most accurate temperature measurement possible, this should be carried out by the veterinarian or by the owner on a healthy animal, at rest and in a neutral atmosphere, i.e. approximately 18 to 23 °C (64 to 74 °F). When the reference temperature(s) have been calculated and stored automatically by the reader, each time the chip is read again, a comparison will be made of the temperature read with the stored reference temperature.

The result will be displayed on the reader screen. Calculation and recording of the reference temperature. It is automatic from the first reading of a chip implanted in an animal. An ideal solution to better managing all animal details including ID and

temperature is our FREE App, available to download for iOS and Android. See [swissplused.com](http://swissplused.com) for details.

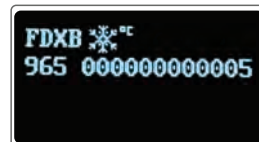
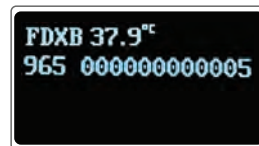
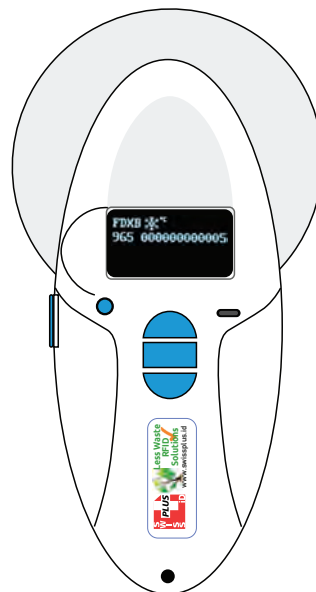


The different reader menu parameters are:

- Languages-Memory-Bluetooth > BLE > SPP > HID < Disable >
- Show space (allows you to display a space between the country code or ICAR and the serial number.)
- Temperature > Celsius > Fahrenheit
- Temperature reference > Activate > List of recorded chips.

It is important to note that digital thermometers typically use a sensor to capture temperature measurements directly. It is also necessary to calibrate a digital thermometer as the accuracy can drift over time for various reasons such as mechanical shock.

For the full range of handheld and stick readers or for more information visit [swissplused](http://swissplused.com) online or ask your local vet.



V8BTT RT100

When scanning TempChips at room Temperature the snowflake indicator is present. The TempChip begins measuring at 30 °C (86 °F) and will read a temperature up to 43 °C (109 °F).



Download FREE App

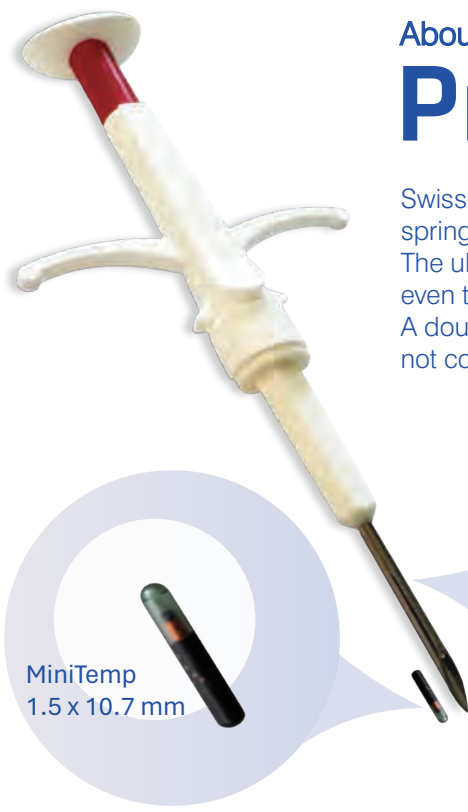


About the

# Premium Implanter

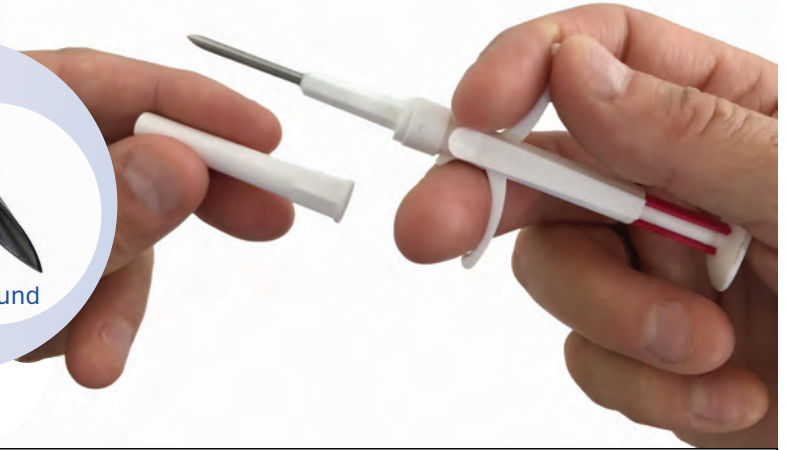


SwissPlus ID Ergonomic, High Impact Premium Implanters incorporate a spring-loaded mechanism for smoother application. The ultra fine ground cannula provides a clean insertion and easier implanting in even the smallest of animals. A double plunger system ensures that the reusable implanter components do not come into contact with blood or animal fluids during the implanting process.



MiniTemp  
1.5 x 10.7 mm

14-Gauge  
Ultra Fine Ground



## Pack Options:

Sterile EO 5yr Packs  
Barcode Labels included  
Anti-Press Clip & Cap  
Spring Loaded



### Less Waste Cannula Packs

90% Less Plastic Waste Disposed of.  
Lower Freight/Delivery Impact



"Once we switched to Less Waste we never wanted change. Every little bit helps reduce waste and helps the environment".



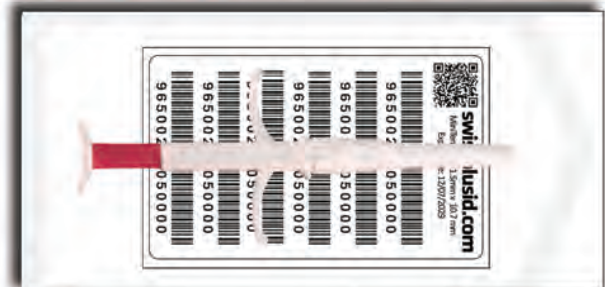
THINK GREEN



Pack of 30 Less Waste Sterile Cannula Packs. Each pack includes 3 reusable Premium implanters.

Packed in Recyclable Space Saving PVC ZipPacks  
Order Ref: 11BGTNP-30

## Premium Implanter Packs



Pack of 20 Premium Sterile Implanter Packs  
Packed in a Recyclable Space Saving PVC ZipPack  
Order Ref: 11BGTSP-20





The SwissPlus ID TempChip is a permanent identification solution recommended for companion animals, dogs, cats and horses. It can also be used to identify other small mammals, birds, rabbits and wildlife. Ø

The Mini TempChip is delivered in a 14-gauge cannula. It has a 1.5 mm diameter and is only 10.7 mm in length.

The MiniTemp Chip offers an excellent read range and read rate with a wide variety industry-standard readers.



**Just some of the benefits:**

A better understanding of an individual animal's temperature range and health.



Enhancing animal welfare by reducing the stress of obtaining temperature readings.



Easier in-clinic patient management linked to Applications and systems. Saving time for vet and clinic staff.

Offer patient access to compatible products such as chip-enabled pet flaps, feeders, smartphone applications and drinking stations.

Improving client perception of clinical activity in a modern practice.



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Certified for Compliance & Performance by the  
International Committee for Animal Recording



International Organization  
for Standardization  
ISO Standard 11784 & 11785