

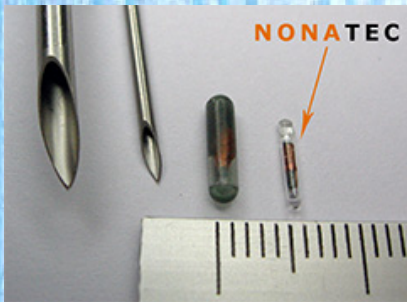
Implantable RFID tag designed for animal tagging

PATENTED
TECHNOLOGY

NONATEC TRANSPONDER



IDENTIFICATION AND TRACEABILITY SOLUTIONS FOR LABORATORIES



NONATEC transponder
(the smallest worldwide)

The **NONATEC** Tag (or transponder) is the **smallest RFID tag available on the market**. This new technology, based on the High Frequency 13.56 MHz, allows you to identify all small animals in a very secured and ever lasting way.

The **NONATEC** Tag contains the latest generation of **Philips MFO IC UI electronic chip**. This rewritable chip can be read and written more than **10000 times** : it's the best way to identify and track the animal during its entire life, offering you a very powerful managing tool. The **NONATEC** Tag is also a **security tool**. Its universal and unique identification code guarantees security and anti counterfeiting.

The **NONATEC** tag is delivered in a very ergonomic syringe made for an easy and non traumatic injection into a small animal. The small needle diameter of 1.2mm is the perfect size to implant small animals without harm only a few days after birth. This small size allows you to track early and may also be an answer to ethical requirements. Indeed, the small size of the **NONATEC** avoids useless distress and pain which could also cause skewed results.

Each syringe hold a **NONATEC** tag ready for injection. It is packaged individually and sterilized. The **NONATEC** transponders which all have a unique identification number are delivered with 2 bar-codes stickers holding the same number. Therefore, it facilitates the traceability of the animal and also of its environment. The **NONATEC** tag is inert in the animal. Its biocompatible glass tube is a guarantee of safety, it is very resistant to chocks. The electronic identification with the **NONATEC** transponder **is reliable and resistant during the entire life of the animal**.



*Individually and
sterilized injection syringe*

Technical features

General:

Size: 1mm x 6mm
Weight: 7,15mg
Frequency: 13,56 MHz
Needle diameter: 18G (1,2mm)

Performances:

Smallest biocompatible transponder worldwide (patented technology)
Automatic recognition
Memory: 512 bits
Writing: up to 10 000 times
Reading/Writing distance: 3 cm

Security:

Unique and Universal Identification Number
Non traumatic injection

Environment:

Biocompatible glass tube
Chemical resistance:
- Water immersion IP68: 20°C, 24h under 1m
- Alcohol, ammoniac... immersion: 20°C, 100h
Mechanical resistance:
- Vibration IEC 68.2.6: 6g, 14... 200Hz, 3 axis during 8h/each
- Shock: IEC 68.2.27: 30g, 18ms, 3 axis, 1084 times/each
Thermo resistance:
- Inert: from -40°C up to + 90°C (1*1000h) + 120°C (1*100h)

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