

# DATAMARS

## T-NA

### Nano microchips for Animal Identification



#### Highlights:

- Smallest electronic identification solutions
- Transponder size and needle dimensions reduced by more than 30% \*
- Unalterable, unique and lifetime identification code
- Suitable for small species of animals
- Compliant with standard ISO 11784/5 regulations

#### Product description:

Datamars Nano syringes are pre-loaded with small glass transponders that contain a unique and unalterable identification code.

The reduced size of the transponders compared to the standard glass make these syringes ideal for the identification of all small species of animals.

The thinner needles allow for smooth implantation with minimal penetration force.

The thread is designed for a safe disposal and low waste space volume.

Our portable readers communicate with the microchip via low power, low frequency radio waves. The passive microchip transmits its pre-programmed, unalterable code, identifying the animal at high speed through any non-conductive material.

\* Compared to standard Datamars microchips

## Keys to Effective Scanning

1. Hold the scanner close to or touching the animal.
2. Scan slowly and patiently.
3. Rock the scanner back and forth slightly while scanning because implanted chips are in various orientations.
4. Begin and concentrate scanning at the cranio-dorsal aspect of the animal.
5. Scan in a horizontal then a vertical "S" pattern down the animal.
6. Consider scanning each animal more than once.

**Please note:** the smaller size of the transponder limits the reading distance and performance. This transponder is recommended for very small breeds only. Please be aware that the use with other RFID products, as flaps or feeding units might be limited or excluded.

## Technical Data:

<b>Microchip dimensions (L x Ø):</b>	1.25 mm x 7 mm
<b>Cannula dimensions:</b>	1.6 mm x 25 mm
<b>Weight:</b>	≈0.020 g
<b>Housing material:</b>	Bio-compatible glass
<b>ID code:</b>	15 digits conforming to ISO 11784 standard, FDX-B type
<b>Working frequency:</b>	134.2 kHz
<b>Packaging:</b>	Box of 1000 syringes in bags of 10 units

Subject to change without notice