

## SLIM TRANSPONDER IDENTIFICATION PACKAGE



- Unique and permanent pet identification
- Slim polymer transponder maintaining large reading distance
- Transponder size reduced by more than 25%\*
- Weight reduced by 50%\*
- Needle dimensions reduced by more than 20%\*
- Smoother microchip implantation
- Ergonomic syringe with "No return click system"
- Detachable needle for easy disposal
- Swiss quality

### Product description and benefits:

#### Transponder:

Datamars revolutionary Slim transponders measure just 10.9 x 1.6 mm and weigh less than a twentieth of a gram! They don't compromise read distance for needle diameter (2.0 mm). The thin, 14 gauge needle allows for minimal penetration force, which makes it the perfect product for animal identification: from puppies and kittens to seniors, from ferrets and pocket pets to horses. Each transponder, encapsulated in a bio-compatible slim polymer tube, has an identification code which is unique worldwide. It comes pre-loaded in a disposable implantor, sterilized by EtO gas and individually packed with 6 adhesive bar-coded labels.

The syringe is designed for maximum ergonomic comfort, can be easily hidden in one hand without frightening the pet and it comes ready to use (no assembly required).

The special "No return click system" helps ensure the microchip is implanted in the right place and in the tissue layer: it blocks the injector once depressed, stopping the microchip from being sucked back by the piston. The little "click" indicates that the transponder has been correctly positioned.

Once implantation is complete, the detachable needle can be removed for easy disposal.

\*compared to standard Datamars transponders



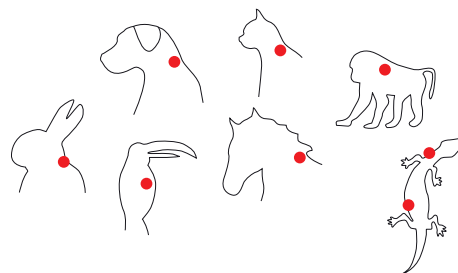
T-IP needle 2.6 mm vs Slim needle 2.0 mm

## RECOMMENDED IMPLANTATION SITES

**Canine and Feline:** The transponder is implanted subcutaneously on the left side of the neck, behind the ear, lateral of the fourth to the fifth cervical vertebra.

**Equine:** The microchip is implanted within the nuchal ligament in its middle third or at the halfway point between the ears and the withers. This is the recommended implantation site in all countries except Australia where the microchip is implanted in the musculature of the left neck or the anterior injection triangle.

**For more information on recommended microchip implantation sites, visit the World Small Animal Veterinary Association at [www.wsava.org](http://www.wsava.org).**

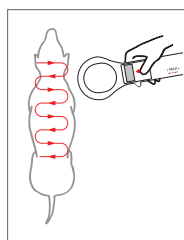


### Reader:

The reader communicates with RFID transponders via low power, low frequency radio waves.

The passive transponder transmits its preprogrammed unalterable code, identifying the animal at high speed.

The transponder can be read through any non-conductive material.



### KEYS TO EFFECTIVE SCANNING:

1. Hold the scanner close to or touching the pet
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 pet
5. Scan in a horizontal then a vertical "S" pattern down the pet as shown in the diagram
6. Consider scanning each pet more than once

### CORRECT IMPLANTATION PROCEDURE:

1. Scan the pet to check if it carries a transponder already
2. Verify function and correct number of the transponder prior to implantation
3. Implant the transponder according to recommended implantation sites. After implantation, scan the microchip again to verify function and don't forget to register it in a pet recovery database
4. Twist the needle assembly clock-wise to remove it from the body of the syringe and dispose it according to local regulations for veterinary waste

### TECHNICAL DATA:

Size (L x Ø)	10.9 mm ± 0.4 x 1.625 mm ± 0.025
Weight	≈0.044 g
Operating temperature	-25°C to +70°C
Storage temperature	-40°C to +90°C
Passive, without battery	
ID code	15 digits conforming to ISO Standard 11784
Working Frequency	134.2 kHz, FDX-B
Memory capacity	Total memory 512 bits, 64 bits required for ISO Standard 11784
Housing	Bio-compatible polymer, FDA approved

Subject to change without notice



ICAR MEMBER

DATAMARS' innovative RFID-based solutions are the result of more than 20 years of industry experience that have enabled the company to establish itself as the global market leader in the companion animal identification market. Having driven the development of ISO standards for companion animal identification, DATAMARS works with pharmaceutical companies, shelters, kennel clubs and charitable organizations to deploy its unique pet identification and reunification solution to improve the lives of companion animals around the world.

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