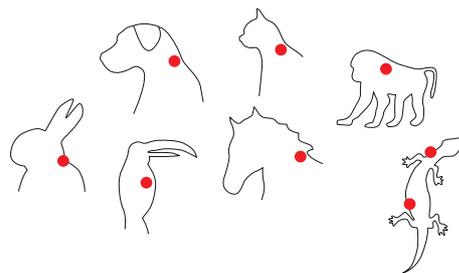


RECOMMENDED IMPLANTATION SITES

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.

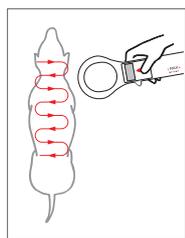


Reader:

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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