

**Datamars Equine SLIM** microchips give horses a silent but effective voice.

The Datamars Equine SLIM microchip cannot be falsified or changed. Each is as small as a thin grain of rice, weighs a fraction of standard glass microchips and contains a permanent ID code that is unique to that animal.

## Key Product Features

- Datamars Equine SLIM microchips conform to ISO standards 11784 & 11785 which regulate the radio frequency identification (RFID) of animals.
- Datamars Equine SLIM microchips meet the USEF Rule(s) EQ103.2, HU101.2, JP1002, and FEI Passport requirements. Datamars is pleased to count several US and worldwide breed registries among the growing list of customers using our revolutionary Equine Slim microchips.
- Datamars Equine SLIM can be read by any ISO compliant scanner.

## Administration

### Intended for veterinary use only.

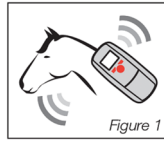


Figure 1

1. Before the microchip is implanted, the horse should be properly identified and checked for an existing microchip with a reader, as seen in Figure 1.
2. Check the microchip with a reader to make sure it is readable prior to being implanted. Verify if the number matches the number printed on the barcode sticker.



Figure 2

3. The microchip should be implanted in the nuchal ligament, halfway between the poll and withers on the left side of the horse. Prepare the site where the microchip is to be implanted, as seen in Figure 2.
4. Each Datamars Equine SLIM Microchip is pre-loaded into a sterilized, single use syringe. Remove the protective cap and insert the needle into the site up to its base.

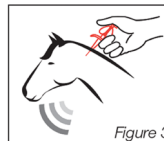


Figure 3

5. Depress the plunger until you hear an audible "click." This lets you know that the microchip has been fully expelled from the syringe, as seen in Figure 3.
6. Once you hear the click, the plunger should be locked in place and should be held in the fully depressed position as you remove the needle from the implantation site

7. Apply light pressure to the administration site when removing the delivery device and afterward to minimize any bleeding. Treat as needed.
8. Replace the needle cap and properly dispose of the empty delivery device.
9. After the microchip has been implanted, it should be checked again with a reader to verify that it is still readable.

## Technology

When a microchip scanner is passed over the implanted Equine SLIM microchip, the microchip emits an RF (radio frequency) signal. The scanner reads the microchip's unique ID code and displays the number on its LCD screen.

## Technical Specifications

### Dimensions

0.43" + 0.016" x 0.06" + 0.001"

### Weight

0.001 oz. or 0.05g

### Operating Temperature

-13 F to +158 F or -25 C to 70 C

### Storage Temperature

-40 F to +194 F or -40 C to +90 C

### Power Supply

Microchips are passive, they do not require batteries to operate

### Frequency

134.2 kHz

### Memory

64 bit (conforms to ISO 11784/5)

### Read Distance with Universal Scanner

Up to 9.5 in. or 24.2 cm

### Microchip Casing

Bio-compatible polymer

### Syringe

14 gauge stainless steel, sterile



## Precautions and Warnings

### For Equine use only.

- Do not use this product if the protective package containing the pre-loaded syringe is torn or punctured, as enclosed product may no longer be sterile.
- Do not reuse the microchip delivery device (syringe).
- Although this product is sterile within the individual package, use aseptic procedures prior to administration to prevent the introduction of undesirable agents.
- Do not autoclave this product.
- Store at normal room temperature. Exposure to extreme temperatures may effect product's performance.

## About Datamars, Inc.

We are a leading global supplier of high performance unique-identification solutions, specializing in RFID technology.

Our focus on innovation has earned us a reputation for unsurpassed quality and performance.

With more than 30 years of experience, we have a clear vision of where, when and how unique ID can go beyond simple asset tracking to provide enhanced, positive returns for our customers.

## Equine SLIM RFID Microchips



**datamars pet**



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