



# DATAMARS 840 Microchips

The Datamars 840 Slim gives goats, alpacas, llamas, and other animals a silent but effective voice. Unlike a tattoo, a microchip cannot be falsified, removed, or changed in any way. The 840 Slim microchips are a revolutionary polymer encased chip. Each microchip is as small as a thin grain of rice, weighs a fraction of the standard glass microchips, and contains a permanent ID code that is unique to that animal. There is no risk of the polymer Slims cracking or breaking.

Not all microchip manufacturers are the same. The USDA has approved certain manufacturers' universal microchips to carry the United States 840 prefix. This approval process encompasses high-level quality control testing. Our Slim 840 microchip is a perfect choice for veterinarians, breeders, those who move animals interstate, or show animals that travel to different countries.

Datamars 840 Slim is the perfect union of form and function, proven to cause no stress reaction in the animal during implantation. Our revolutionary, bio-compatible polymer 840 Slim gives you a small needle gauge without compromising read distance. The thin, 14-gauge needle allows for smooth and gentle implantation with minimal penetration force. Our special "No Return Click" syringe offers an added safety feature: it blocks the injector once depressed, stopping the microchip from being vacuumed back into the piston. Once implantation is complete, separate the needle for easy sharps disposal. The remainder of the syringe can be recycled.

## Syringe Instructions



**Step 1.** Pull the cap straight off the special, ergonomic, "No Return Click" syringe (without twisting). The syringe will be ready for use and you may proceed with implantation.



**Step 2.** Once the microchip has been implanted, replace the cap on the needle. Twist the needle assembly clockwise to remove it from the body of the syringe.



**Step 3.** Dispose of the needle according to sharps disposal regulations for veterinary waste. The syringe body can be recycled or discarded.

## Datamars Microchip Scanners

A scanner reads RFID microchips using low power, low frequency radio waves. The passive microchip transmits its unique, pre-programmed, unalterable code, facilitating rapid identification of each animal. The microchip can be read through any non-conductive material like an animal's skin or plastic carriers.

For more information about Datamars, please contact your local sales representative.

## Technical Specifications

### Dimensions

- 0.43" x 0.016"
- 10.9" x 0.4" x 1.6

### Weight

- 0.001 ounces or 0.05 grams

### Operating Temperature

- -13 F to +158 F or -25 C to +90 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

- Up to 9.5" or 24.2 cm

### Microchip Casing

- Bio-compatible polymer

### Syringe

- 14 gauge stainless steel
- Sterile

Datamars Inc is the global leader for high-performance RFID solutions for the animal, livestock, and textile identification markets. Our expertise, technological innovation track record, and profound understanding of customer's needs have earned Datamars the reputation for unsurpassed quality and performance. Datamars has offices in Europe, Asia, and the Americas. It is headquartered in Bedano, Switzerland.

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