

T-SL Polymer Microchips for Animal Identification

The T-SL syringe is designed for maximum ergonomic comfort and can be easily hidden in one hand without frightening the pet. The syringe is pre-loaded with a 10.9 x 1.6 mm bio-compatible slim polymer transponder that contains a unique and unalterable identification code. The thin needle allows for minimal penetration force. The special “No return click system” helps to ensure the microchip is implanted in the right place: 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 implanted.



Highlights

- Unalterable, unique and lifetime identification code
- Disposable, single-use syringe
- EO sterile
- Slim polymer transponder maintaining large reading distance
- Transponder size reduced by more than 25% and needle dimensions reduced by more than 20%*
- Smoother microchip implantation
- Ergonomic design with “No-return click” function
- Detachable needle for a simple and ecological waste management
- System to ensure that the microchip stays within the needle until the implantation
- Compliant with ISO 11784/5 standards

*compared to Datamars standard glass transponders

Transponder		Others	
Dimensions	10.9 mm ± 0.4 x 1.625 mm ± 0.025	Sterilization	EO
Weight	≈0.044 g	Barcode stickers	6 stickers including UID number and corresponding barcodes (CODE 128B)
Housing material	Bio-compatible polymer, FDA approved	Packaging	10 syringes per box
Operating temperature	From -25°C to +70°C	Recommended Implantation Sites	
Storage temperature	From -40°C to +90°C		
Degree of protection	IP 68		
ID code	15 digits conforming to ISO 11784 Standard, FDX-B type		
Working frequency	134.2 kHz, FDX-B		
Memory	Conforming to ISO 11784/5 for FDX-B Standards		
Certifications	Compliant with Standard ISO 11784/5		

Subject to change without notice - April 2023

Datamars SA
 Corporate Headquarters
 Via Industria 16 6814 Lamone, Switzerland
 Phone +41 91 935 73 80 | Fax +41 91 945 03 30
 animal-id@datamars.com | pet.datamars.com

DATAMARS
Animal iD