



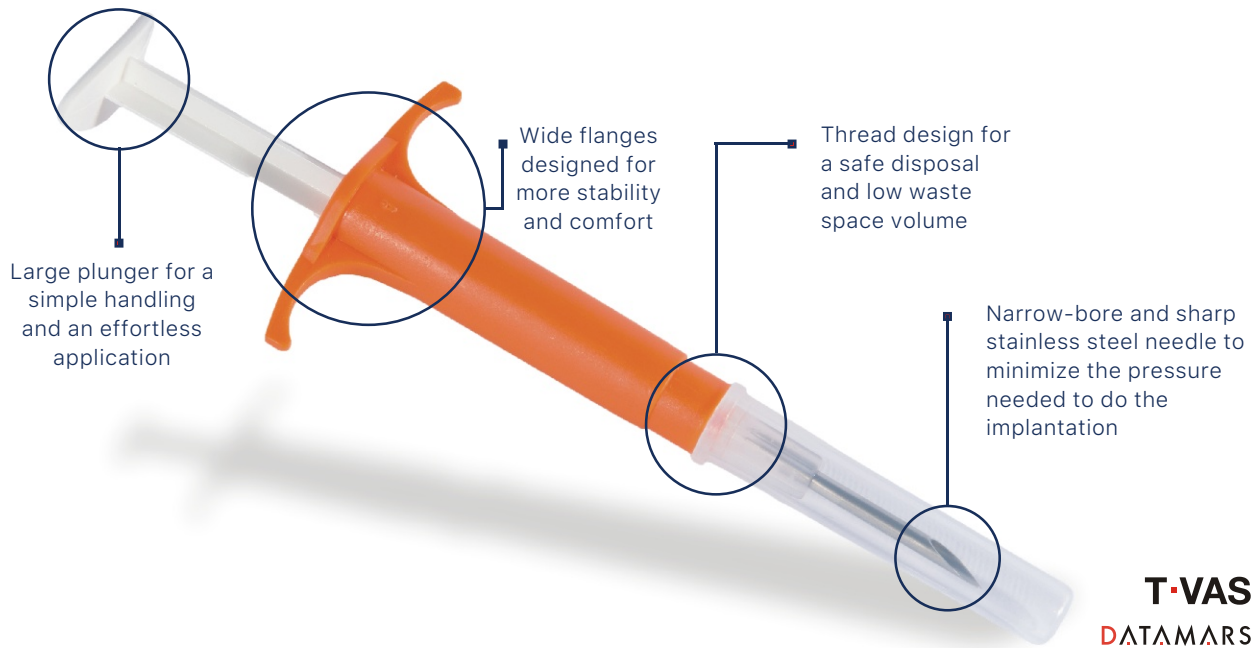
INJECTABLE TRANSPONDER WITH DISPOSABLE SYRINGE

The T-VAS is a disposable syringe that enables the permanent and unique identification of different species of animals including pets, fishes, birds, reptiles, horses and zoo animals. The syringe is pre-loaded with a small glass transponder that contains a unique and unalterable identification code.



BENEFITS

- High quality and cost-effective solution
- Disposable, single-use syringe
- Unalterable, unique and lifetime identification code
- Detachable needle for a simple and ecological waste management
- System to ensure that the microchip stays within the needle until the implantation
- Compliant with standard ISO11784/5 regulations



T·VAS
DATAMARS

TECHNICAL SPECIFICATIONS

TRANSPONDER

Housing material	Bio-compatible glass
Dimension (L x Ø)	13.3 ± 0.4 mm x 2.12 ± 0.05 mm
Weight (g)	≈0.114 g
Operating temperature	-25°C to +70°C
Storage temperature	-40°C to +90°C
Degree of protection	IP 68
ID code	15 digits conforming to ISO Standard 11784, FDX-B type
Working frequency	134.2 kHz
Memory capacity	Total memory 512 bits, 64 bits required for ISO Standard 11784

NEEDLE

Detaching mechanism	Luer lock connector
Dimensions	Needle length: 25 mm (injectable part) Needle assembly: without cap (46 mm) with cap (55 mm)
Colours	Transparent (connector and cap)

IMPLANTER

Dimensions (L x W x H)	Syringe: 145 x 47 x 13 mm (including needle assembly)
Weight	Blister: 215 x 98 x 13 mm (including syringe) Syringe: 6.5 g (including transponder)
Sterilization	Ozone
Stickers	7 stickers including UID number and corresponding barcodes (CODE 128B)

PACKAGING

Units per bag	20
Units per box	100