

# DATAMARS T•VAS

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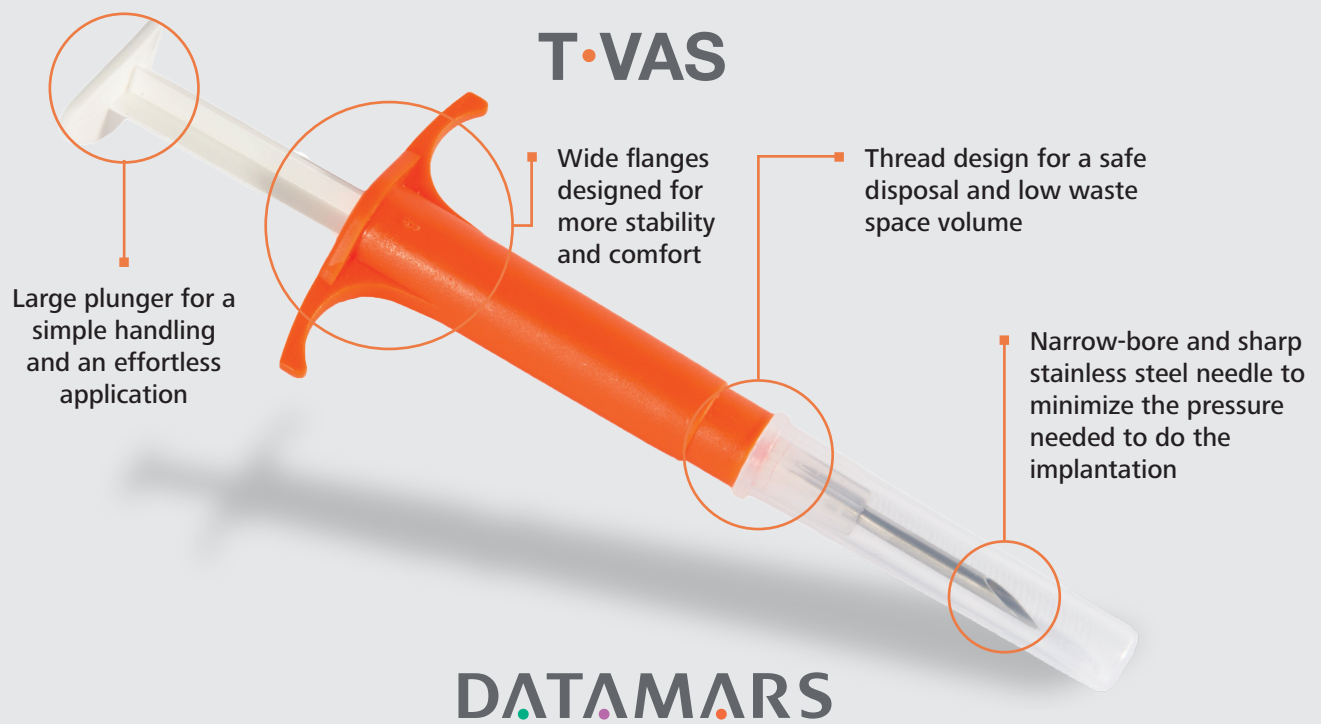
The T-VAS is a disposable syringe that enables the permanent and unique identification of different species of animals including pets, fishes, birds, reptiles, horses and zoo animals.

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 ISO 11784/5 regulations





## Technical specification

<b>Transponder</b>	Housing material	Bio-compatible glass
	Dimension (Ø x L)	2.12 ± 0.05 mm x 13.3 ± 0.4 mm
	Weight	≈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 11784 Standard, FDX-B type
	Working frequency	134.2 kHz
	Memory capacity	Total memory 512 bits, 64 bits required for ISO 11784 Standard
<b>Needle</b>	Detaching mechanism	Luer lock connector
	Dimensions	Needle length: 25 mm (injectable part) Needle assembly without cap: 46 mm   Needle assembly with cap: 55 mm
	Colors	Transparent (connector and cap)
<b>Implanter</b>	Dimensions (L x W x H)	Syringe: 145 x 47 x 13 mm (including needle assembly) Blister: 215 x 98 x 13 mm (including syringe)
	Weight	Syringe: 6.5 g (including transponder)
	Sterilization	Ozone
	Stickers	7 stickers including UID number and corresponding barcodes (CODE 128B)
<b>Packaging</b>	Units per bag	20
	Units per box	100