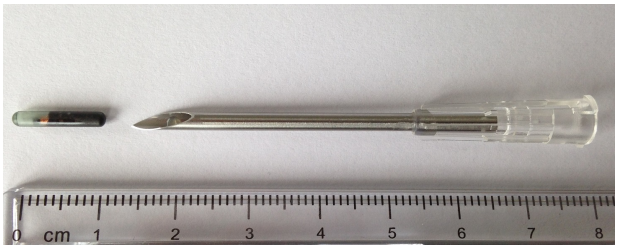
Transponders for animal identification

ID 162 Injectable ISO-Transponder



Specifications:

Total size:	ca. ∅ 2.12 x 12 mm
Weight:	0.09 g
Material:	Bio-Glass
Reading Distance:	max. 200 mm (depending on reader)
Temperature	
Operating:	-20 °C to +75 °C
Protection:	IP 68
Frequency:	134.2 kHz
Data content:	64-bit (ISO 11784)
Code:	EPROM Read-Only
Transfer:	ASK, according to ISO 11785 FDX-B

Needle:

Cannula:	Stainless steel, special grind.
Latch:	Plastic Luerlock
Size:	Outside-∅: 2.6 mm, Length: 30 mm
Packaging:	Blister with paper seal.
Sterilization:	Gas
Manufacturing:	according to GMP

For decades, the injectable passive transponder system has provided a reliable electronic solution for animal identification that does not cause discomfort to the animal.

The micro-transponder, no larger than a grain of rice sitting under the skin, contains a code according to ISO 11784.

The transponder is activated by the reader with electromagnetic waves. It then transmits its code to the reader. Here, the code is decoded, stored with date and time for further processing by a computer, and displayed on the LCD display. The computer is connected via an RS232 or USB interface. Handheld readers are also optionally available with Bluetooth.

Injection:

Each transponder is delivered individually packaged in a needle, sterilised and ready for use.

The needle, with the transponder inside, is quickly connected the special injector via the Luer-Lock connection. This allows the user to perform many injections per hour.

The needle forms a stitch channel with its special double grind. Inside the needle is a core rod (stylet). This, together with the injector, ensures that the transponder is held in its position during injection.

The tissue behind the transponder closes immediately. A small incision of approx. 2.6 mm remains, which heals quickly and without complications.

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Technical changes without notice