

ID 100US



- Presterilised, individually packaged
- Patented lancet design
- Easy application
- ImplantGauge™ allows real-time visual verification of insertion

[®]
trojan

trovan[®]

ID 100US

Implantable Transponder
with Lancet

The TROVAN ID-100US Implantable Transponder with Lancet, featuring the patented TROVAN Lancet with Implant-Gauge™, has been designed especially for use in animal identification.

Each transponder is individually packaged in a disposable lancet for easy application. The special lancet features the ImplantGauge™ allowing real time visual verification of transponder insertion during the surgical procedure. In addition, the patented implantation procedure retracts the lancet as the plunger is pushed. This reverses the conventional syringe design that extrudes the transponder, consequently minimizing the likelihood of transponder breakage.

The TROVAN ID-100US Implantable Transponder with Lancet is a reliable, humane technology for animal identification, designed to provide life-long positive identification for animals. It is implanted just below the skin in a small surgical intervention, in a simple procedure that does not require anesthesia.

Because of its long read range, the ID-100US Implantable Transponder with Lancet can be read using pass-by panel readers. Therefore, animal handlers in shelter environments and other high volume process areas do not need to touch or individually handle unknown and potentially dangerous animals. Each TROVAN ID-100US Implantable Transponder with Lancet comes individually prepackaged and sterilized in a bubble pack, with its own pre-sterilized Lancet.

TRANSPONDER DIMENSIONS

Length: 11.5 mm (0.45 in.)
Diameter: 2.12 mm (0.083 in.)

WEIGHT

0.09 g. (0.002 oz.)

IDENTIFICATION CODE

64 bits

ENCAPSULATION

Biocompatible glass

READING RANGE

GR-250 up to 24 cm (9.5 in.)
Maximum up to 33 cm (13 in.)

TRANSMIT TIME

119µs/bit (8375 baud)

STORAGE TEMPERATURE

-40°C to +140°C (-40°F to 284°F)

OPERATING TEMPERATURE

-20°C to +75 °C (-4°F to 167°F)

OPERATING FREQUENCY

128 KHz

ENVIRONMENT

IP68

TROVAN LANCET DIMENSIONS

Length: 55.5 mm (2.2 in.)
Outside dia.: 2.6 mm (0.1 in.)

PRESENTED BY:

U.S. Pat Nos. 5,084,699, 5,095,309, 5,198,807, 5,223,851,
5,281,855. Add'l U.S. and overseas patents pending.