

ID 162KB



- Non-contact animal ID
- Pre-sterilised, all-in-one package
- Innovative lancet design
- Biocompatible glass encapsulation
- ISO 117814/85 FDX-B compliant
- ImplantGauge™ allows real-time visual verification of insert.

trivium®

trovan[®] ID 162KB

Animal Transponder
with Butterfly Pusher
FDX B ISO 11784/85

The TROVAN ID-162KB Animal Transponder with Butterfly Pusher, featuring the innovative TROVAN Lancet with ImplantGauge™, has been designed especially for use in animal identification. Each transponder is individually packaged in an all-in-one delivery system for easy application. The special lancet features the ImplantGauge™, allowing real time visual verification of transponder insertion during the implant procedure. Each ID-162KB Animal Transponder with Butterfly Pusher comes individually prepackaged and sterilized in a bubble pack, with its own pre-sterilized lancet and single-use butterfly pusher, along with 4 ea. adhesive barcode labels featuring the ID code rendered numerically and in barcode 39 format.

The ISONORM system features FDX-B transponders compliant with ISO 11784 and ISO 11785 for use in animal identification applications which do not require ID code security.

TRANSPONDER

DIMENSIONS

Length: 11.5 mm (0.44 in.)
Diameter: 2.12 mm (0.083 in.)

WEIGHT

0.09 g (0.002 oz)

IDENTIFICATION CODE

128 bits, factory pre-programmed

ENCAPSULATION

Biocompatible glass

READING RANGE

GR-250 up to 24 cm (9.45 in.)
Maximum up to 33 cm (13 in.)

TRANSMIT TIME

119 μs/bit

SCAN ANGLE

Spherical

STORAGE TEMPERATURE (tested exposure 1 hour)

-40°C to +140°C (-40°F to +284°F)

OPERATING TEMPERATURE

-20°C to +75°C (-4°F to +167°F)

OPERATING FREQUENCY

134.2 kHz

ENVIRONMENT

IP68

MECHANICAL FORCE

Axial max. 10N
Radial max. 40N

VIBRATION

Random -20 to 2,000 Hz/10 g/1 hr. p. axis
Sine -20 to 2,000 Hz/5 g/1 hr. p. axis

LANCET

DIMENSIONS

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

COMPLETE ASSEMBLY

DIMENSIONS

Length (with cap on): 115 mm (4.5 in.)
Width at wings: 43 mm (1.7 in.)

PRESENTED BY: