

1000[®]

ID 162VB/1.4



- Pre-sterilized, disposable single piece implanter
- Biocompatible glass encapsulation
- Non-contact animal ID
- ISO 11784/85 FDX-B compliant
- Implanter provides tactile “click” ensuring correct positioning of the tag in the animal.

The ID-162VB/1.4 Implantable Mini Transponder in VetPlant™ Implanter is a miniature FDX-B compliant transponder, encapsulated in biocompatible glass for use in animal applications. Each transponder comes individually pre sterilized and packaged in a bubble pack. Each ID-162VB/1.4 transponder is ready for application, in its own single piece implanter, and with six adhesive labels featuring the transponder's ID number in barcoded format and numeric characters.

The VetPlant™ Implanter provides tactile feedback when the transponder is about to move into the eye of the needle, which helps preclude premature extrusion. The Implanter provides a second tactile “click” when the transponder is fully extruded, so the operator knows “it’s ok to pull out the needle.” This feature precludes the transponder from coming back out with the needle. Once fully extruded, the push pin also locks in place at the point of maximum extrusion so it doesn’t suck the transponder back into the needle.

TRANSPONDER

DIMENSIONS

Length: 8 mm (0.31 in.)
Diameter: 1.4 mm (0.055 in.)

WEIGHT

0.03g ± 0.006g

IDENTIFICATION CODE

128 bits factory pre-programmed

PROTOCOL

ISO 11784/ISO 11785 FDX-B

ENCAPSULATION

Biocompatible glass

SCAN ANGLE

Spherical

STORAGE TEMPERATURE (tested exposure 1 hour)

-40°C to +90°C (-40°F to 194°F)

OPERATING TEMPERATURE

-25°C to +85°C (-13°F to 185°F)

OPERATING FREQUENCY

134.2 kHz

ENVIRONMENT

IP68

MECHANICAL PRESSURE

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

DIMENSIONS

NEEDLE

Length: 30 mm (1.18 in.)
Outside dia.: 1.8 mm (0.07 in.)

SYRINGE ASSEMBLY INC. NEEDLE

Length: 110 mm (4.33 in.)
Max width: 46 mm (1.81 in.)

PRESENTED BY: