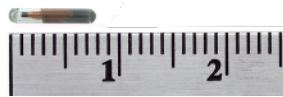


®

# 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.

# trovan<sup>®</sup> ID 162VB/1.4

Mini Transponder  
in VetPlant™ Implanter  
FDX-B ISO 11784/85

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: