



# trovan® ISO 'All-In-One' Transponder (ID162VB)



The Trovan® ID162VB ISO FDX-B 'All-In-One' is designed for people who prefer to use a disposable "all-in-one" implanter/needle/transponder device to deliver the Trovan® ISO transponder. Like the conventional Trovan® ID162 product, the 'All-In-One' is ISO 11784/11785 compliant making it ideally suited for the identification of companion animals in Australia.

The ID162 ISO FDXB transponder code is a 15 digit numeric code beginning with the 956 ICAR Trovan manufacturing prefix.

The Trovan® ISO 'All-In-One' is individually packaged as a pre-sterilised, disposable single piece implanter product with 6 adhesive labels featuring the microchip number and barcode (39 format). Unlike the conventional Trovan® ID162 product, it does not require a separate re-usable implanter.



### Specifications

#### ISO 11784/85 FDX-B Standards Compliant

|                                   |                          |
|-----------------------------------|--------------------------|
| <b>Transponder Size</b>           | 2.12 x 11.5 mm           |
| <b>Transponder Weight</b>         | 90mg (0.09 grams)        |
| <b>Encapsulation</b>              | Bio-compatible Glass     |
| <b>Identification Code</b>        | 128 Bits                 |
| <b>Scan Angle</b>                 | Spherical                |
| <b>Transmit Time</b>              | 119 µs / BIT (8375 BAUD) |
| <b>Storage Temperature</b>        | -40°C to +130°C          |
| <b>Operating Temperature</b>      | -40°C to +100°C          |
| <b>Operating Frequency</b>        | 134.2 kHz                |
| <b>Humidity</b>                   | Submersible              |
| <b>Needle Dimensions</b>          | 32mm length x 2.6mm OD   |
| <b>Device Length (inc needle)</b> | 13.85cms                 |

| With Scanner Type | Reading Distance up to (cm) |
|-------------------|-----------------------------|
| LID560            | up to 4.5                   |
| LID575            | up to 8.0                   |
| LID572            | up to 4.5                   |
| GR 251            | up to 17.0                  |
| AREH5             | up to 15.0                  |

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