BQN 100

trovan®

- Rugged: water and dust resistance
- OLED screen readable in sunlight
- Alphanumeric keyboard
- USB, Bluetooth comms

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BQN 100

The BQN 100 is a portable reader for applications that require long read range performance. This rugged configuration is suitable for large-scale animal applications, for example livestock.With its easy point-and-shoot operation, the BQN 100 reader is designed for situations where communication with an external PC or scale is required. The reader scans a tag and displays the ID number on its LCD, receives weight from the scale and transmits data to a PC remotely via USB or Bluetooth. The micro SD memory stores up to 1,000,000 readings. Its alphanumeric keyboard allows the operator to enter other values manually.

DIMENSIONS
Length   640 mm
Width   68 mm
Height   50 mm
WEIGHT
690 gr.
PROTOCOLS SUPPORTED
FDX-B y HDX
FREQUENCY
134.2 kHz
STANDARDS
ISO11784 and ISO11785
READING DISTANCE
Up to 40 cm forward and 20 cm on the sides
READ SPEED
Up to 240 readings per minute
MEMORY
Stores more than 1,000,000 tags.
Supports up to 32GB micro SD memory
COMMS
USB, Bluetooth
PC REQUIREMENTS
USB, Windows XP or later, or Linux
DISPLAY
OLED 128x64 pixels with black background
INPUTS
Alpha-numeric keyboard
BATTERY
Rechargeable li-ion battery 7.4 VDC 2200 mAh
BATTERY LIFE
6 hours of continuous reading
12 hours when pressing the reading key
recommended battery replacement every 3 years
OTHER FEATURES
Audible beep, vibration, 3 LEDs
OPERATING TEMPERATURE
-10ºC to +60ºC
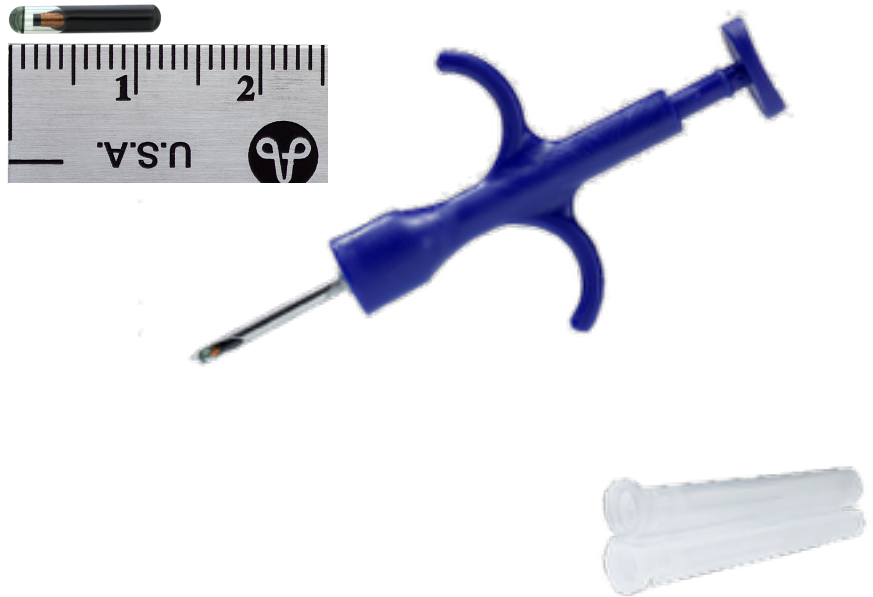STORAGE TEMPERATURE
-25ºC to +70ºC
HUMIDITY
0% to 80%
MATERIAL
ABS and fiberglass

OPTIONAL
Carrying case, rugged

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ID 162RB

- Pre-sterilized, disposable single piece implanter

- Biocompatible glass encapsulation

- Non-contact animal ID

- ISO 11784/85 FDX-B compliant

- 6x adhesive label featuring ID number in numeric and barcode format

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ID 162RB

Animal Transponder
in Single Use Implanter
FDX-B ISO 11784/85

The ID-162RB Animal Transponder in VetPlant Implanter is a miniature transponder, encapsulated in biocompatible glass for use in animal applications. Each ID-162RB transponder is ready for application, in its own disposable needle and 6 ea. adhesive labels featuring the transponder's ID number in barcoded format and alpha-numeric characters. The assemblies are sterilized with Ethylene Oxide.

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. TROVAN ID-162 series transponders are ICAR certified, and are delivered sequentially coded in 10-count sachets. The product is manufactured in Germany.

TRANSPONDER
DIMENSIONS
      Length: 12 mm (0.44 in.)
      Diameter: 2.12 mm (0.083 in.)
WEIGHT
      0.095g ±0.02g
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
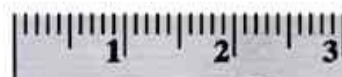MECHANICAL PRESSURE
      Axial max. 10N
      Radial max. 40N
VIBRATION
      Random -20 to 2,000 Hz/10 g./1 hr. p. axis
      Sine -20 to 2,000 Hz/5 g/1 hr. p. axis

PRESENTED BY:

ID 1062H

- Electronic ear tag designed especially for livestock ID

- High quality, rugged surface finish

- Non-reusable. Tamper-evident button

- ISO 11784, ISO 11785 HDX compliant

- Female part laser engraved with 15-digit ID code

trovan® ID 1062H

The TROVAN ID 1062H HDX Button Style Electronic Ear tag for Livestock features a transponder embedded in high grade polyurethane. It features a tamper-evident button shaped to fit deep in the ear. The male stud is resistant to stretching, tearing and cutting. The shape and small size of the button helps resist snagging by strings, feeders and fencing. The stud and tamper-evident button can be applied using a number of standard tagging pliers. Each tag features a a distinct ISO 11784/85 compliant ID number (15-digits, numeric) which is readable with an HDX-compatible electronic reader. The same number is laser engraved on the female part of the tag.

APL 100 Ear tag applicator

DIMENSIONS
Female part: 30.5 mm dia. x 5.5 mm depth
Male part: 30.09 mm dia. at widest point
                      23.95 mm length tip to end
WEIGHT
Female part: 6 g
Male part: 2.5 g.
IDENTIFICATION CODE
15 character numeric
PROTOCOL
ISO 11784/ ISO 11785 HDX
ENCAPSULATION
High grade polyurethane
SCAN ANGLE
Spherical
COLOR
Yellow or white
OPERATING TEMPERATURE
-20˚C to +60˚C (-4˚F to 140˚F)
OPERATING FREQUENCY
134.2 kHz
ENVIRONMENT
IP68