

RT100 V5 READER



Description RT100 V5 handheld multi useable reader
The RT100 V5 model is a portable reader for Radio Frequency Identification (RFID) transponders in animals. The reader combines decoding, checking and reading of the signals of the transponder types ISO11784 FDX-B, FDX-A, HDX and EM 4102. The reader is distinguished by its high reading sensitivity, low power consumption and easy portability.

The RT100 V5 beams low power radio frequency signals to activate the transponder label implanted in the animals body. The feedback of the transponder, captured by the reader is converted in digital data and displayed in the screen of the reader. Bluetooth connection is optional.

Main technical characteristics

Power output : < 0.3 Watt
Frequency : 125 - 134.2 KHz
Bandwidth : 10%
Modulation : sinus
Compatible microchip type : ISO11784 FDX-B/FDX-A/HDX/EM 4102
Reading distance : 4 to 10 cm
Display languages : English/Français/Español/Italiano/Portugues/Deutch/Polski
Battery : 9V
Weight : 140g
Dimensions : 15 x 8 x 3.5 cm (l x w x h)
Working temperature : 0°C - 50°C
Storage conditions : -10°C - +50°C
Memory capacity : up to 1,000 transponder numbers
Connection with PS possible by RS232 cable (TX only)
Installation software available.

6mm FDX-B



Description 6MM FDX-B transponder
RFID (Microchip)
FDX-B transponder
Conformity: ISO 11784/11785 (FDX-B)
Dimensions: 6 x 1.5 mm
Operating temperature: -40 o C + 85 o C
Physical:
Diameter: 1.6 mm +-0.1 mm
Length: 6.0 mm +-0.2 mm
Weight: 25 mg +-5mg
Material: Bio Glass
Parylene Coated
Color: Transparent

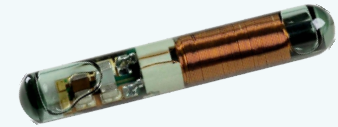
Chemical: Waterproof
Resistance to immersion in salt water, alcohol, oil, 10% HCL and Ammoniac (t=100 hours)

Thermal: Storage range: -40 o C to 90 o C up to 1000 hours
Operating range: 0 o C to 50 o C

Transponder packed in luer lock needle
Luer lock needle packed in individual sachets

Multi usable needle (fits on both a gun and a syringe applicator)
Syringe Length: 114 mm
Material: Plastic
Needle Length: 25 mm
Sachets sterilized individually
On each sachet 5 barcode labels
10 sachets packed in one dispenser box
Dispenser box packed in transport box

12mm US STANDARD



Description 12MM US. Standard transponder
RFID (Microchip)
Conformity: US Standard, non ISO 11784/11785
Dimensions: 12 x 2 mm
Operating temperature: -40 o C + 85 o C
Physical:
Diameter: 2 mm +-0.1 mm
Length: 12.0 mm +-0.2 mm
Weight: 95 mg +-5mg
Material: Bio Glass
Parylene Coated
Color: Transparent

Chemical: Waterproof
Resistance to immersion in salt water, alcohol, oil, 10% HCL and Ammoniac (t=100 hours)

Thermal: Storage range: -40 o C to 90 o C up to 1000 hours
Operating range: 0 o C to 50 o C

Transponder packed in luer lock needle
Luer lock needle packed in individual sachets

Multi usable needle (fits on both a gun and a syringe applicator)
Syringe Length: 114 mm
Material: Plastic
Needle Length: 30 mm
Sachets sterilized individually

10 sachets packed in one dispenser box
Dispenser box packed in transport box

12mm FDX-B



Description 12MM FDX-B transponder
RFID (Microchip)
FDX-B transponder
Conformity: ISO 11784/11785 (FDX-B)
Dimensions: 12 x 2 mm
Operating temperature: -40 o C + 85 o C
Physical:
Diameter: 2.12 mm +-0.1 mm
Length: 12.0 mm +-0.4 mm
Weight: 95 mg +-5mg
Material: Bio Glass
Parylene Coated
Color: Transparent

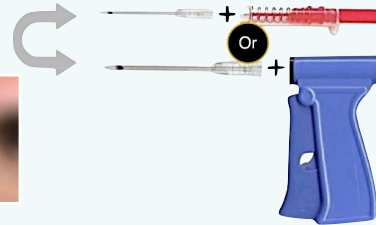
Chemical: Waterproof
Resistance to immersion in salt water, alcohol, oil, 10% HCL and Ammoniac (t=100 hours)

Thermal: Storage range: -40 o C to 90 o C up to 1000 hours
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Transponder packed in luer lock needle
Luer lock needle packed in individual sachets

Multi usable needle (fits on both a gun and a syringe applicator)
Syringe Length: 114 mm
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Sachets sterilized individually
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LUER LOCK



Smart LUER Lock System
Easy to use and the highest standard in suitability.

Gun and or syringe are suitable for the needle of the 6mm FDX-B transponder, the 12mm US. Standard transponder and the 12mm FDX-B transponder. All the needles in our product range can very easily be used on the same gun and / or on the same syringe applicator.

AUTO GUN and CARTRIDGE
For fish



INTRODUCTION

Microchips - Expensive?

Also known as transponders, microchips have long been available in the biotechnical world. But transponders and readers were only affordable for a few users because of their high prices. In short, wonderful, but too expensive.

Standard - Microchips?

For a long time there was no international ISO standard 'matching' the various transponder and reader systems. Triple A Trading now can offer you a very wide product range: ISO 11784/11785 transponders in a 6 mm and 12 mm version and also the US Standard non ISO 11784/11785 in 12 mm version, sterile packed in easy to use needles (our smart luer lock system). We can also offer you multi functional handheld readers.

Reasonably - Priced identification products

Triple A Trading sources electronic products directly from a mass producer, enabling you to enjoy a combination of perfect quality and favourable purchase pricing. In short, modern technology at a reasonable price.

BUTTERFLY
Syringe

