

[®]
trio

FishReader



- Table top data collection terminal with optional integrated scales and PEN reader data entry system
- Made especially for use in marine environments
- Customizable to operator's specific requirements
- Very robust

trovan[®] FishReader

The FishReader is a robust table top data collection system integrating scales and PEN-reader data entry system. It is made specially for use in marine environments and designed to automate data entries such as transponder ID number and weight. The PEN antenna can be used to touch added data points to easily and accurately record data on the specimen such as sex (M/F), color, scale and mucous characteristics, as well as any other discrete characteristics, which may be associated to the individual data points. The data collection system works with TROVANUNIQUE transponders and uses a super rugged piezoelectric keypad for additional data entry. The FishReader W comes with a fully configured notebook computer running ZeusCapture software, a configurable PC companion software, that speeds up data entry and improves data accuracy. Optional features include an external mg scale, barcode reader, electronic thermometer or electronic calipers (to measure specimen length). An optional measuring board allows operator to place the fish on the board and with a simple touch of the PEN antenna, record the length of the fish. The standard measuring board accommodates lengths from 5 to 34 cm. Customized measuring boards are available on request.



Above: Capture weight of the specimen



Above: Measure length of specimen



Above: Enter data using DataPoints

OPTIONS

Battery or mains powered.

Plug and play connectivity for LID-650 series readers, GR-250, external scales, external QR code scanner, etc.

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CC-FW Single Carry Case

The FishReader carrier is a rugged case for transporting and storing the FishReader data entry station, measuring board, laptop and other components.

DIMENSIONS

Length 80 cm. (31.5 in.)

Breadth 56 cm (6.5 in)

Height 48 cm. (18.9 in)



CC-FW2 Carry Case Set

The red, two-case carrier may be checked individually as overweight baggage when traveling by airline, as the two cases checked separately to fall under airline weight limits.

MAIN CASE

Weight 16.2 kg (36 lbs)

AUXILIARY CASE

Weight 6 kg (13.2 lbs)

DIMENSIONS (ASSEMBLED SET)

Length 50 cm. (19.7 in.)

Breadth 42 cm (16.5 in)

Height 50 cm. (19.7 in)

WEIGHT (with FishReaderW and measuring board inside):

30.7 kg (68 lbs)

**The airline limit for checked baggage is 33 kg (73 lbs)

**Auxiliary case must be checked separately.



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FR-100 FishReader, basic

DIMENSIONS

Width 43 cm (16.9 in.)

Length 35 cm (13.8 in.)

Height 13 cm (13 in.)

WEIGHT

5.9 kg (13 lb)

PROTOCOL SUPPORTED

TrovanUnique

HOUSING MATERIAL

Poly methyl methacrylate

COMMS PORT

2 ea. RS232 ports, IP67

1 ea. USB port, IP67

POWER SUPPLY

110 VAC/220 VAC, specify connector

INDICATORS

Buzzer on board, 3 ea. LEDs (green, yellow, red)

OPERATING TEMPERATURE

0C to +50C

ENVIRONMENT

IP67

FEATURES

26 customizable DataPoints + "next" DataPoint

Laptop with Windows 10 license, ZeusCapture data collection software drivers installed



FR-200 FishReader W, with integrated scale

DIMENSIONS

Width 41.9 cm (16.5 in.)

Length 68.1 cm (26.8 in.)

Height 10.9 cm min, 33 cm max (4.3 in min, 13 in max)

WEIGHT

approx. 12.7 kg (28 lbs)

PROTOCOL SUPPORTED

TrovanUnique

HOUSING MATERIAL

Poly methyl methacrylate

COMMS PORT

2 ea. RS232 ports, IP67

1 ea. USB port, IP67

POWER SUPPLY

110 VAC/220 VAC specify connector

INDICATORS

Buzzer on board, 3 ea. LEDs (green, yellow, red)

OPERATING TEMPERATURE

0C to +50C

ENVIRONMENT

IP67

FEATURES

19 customizable DataPoints + "next" DataPoint

Laptop with Windows 10 license, ZeusCapture data collection software drivers installed, super-rugged piezoelectric keypad

trovan[®] FishReader



CB-FW Calendar Board, with 50 DataPoints

Incorporates DataPoints for 31 days, 12 months, 2 years, 4 additional functions plus NEXT

DIMENSIONS

Width 23 cm (9.1 in.)

Length 28 cm (11 in.)

Height 0.8 cm (0.3 in.)

WEIGHT

0.45 kg (1.3 lbs)

MATERIAL

Poly methyl methacrylate



MB-FW Measuring board

DIMENSIONS

Width 19.5 cm (7.7in.)

Length 55 cm (21.7 in.)

Height 1.5 cm (0.6 in.)

WEIGHT

1.4 kg (3 lbs)

MATERIAL

Poly methyl methacrylate

MIN SPECIMEN SIZE

50 mm (2 in)

MAX SPECIMEN SIZE

340 mm (13.4 in)

RESOLUTION

5 mm



QR-FW QR Code scanner, built-in

Reads miniaturized 2 D barcodes on samples and test tubes

ENVIRONMENT

IP65

LIGHT LEVELS

0 to 100,000 lux

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MS-FW Scale, milligram

DIMENSIONS

Width 10 cm (3.9 in.)
Length 29 cm (11.4 in.)
Height 19 cm (7.5 in.)

WEIGHT

1.4 kg (3 lbs)

COMMS PORT

RS232

POWER SUPPLY

220VAC

MAX CAPACITY

200g (7.05 oz)

ACCURACY

0.001g (3.5 oz)

FEATURES

Automatic tare
Automatic shutdown



CAL-FW Caliper, digital

DIMENSIONS

Width 23 cm (9 in.)
Length 8 cm (3.15 in.)
Height 2 cm (0.79 in.)

COMMS PORT

RS232

DEPTH ROD SHAPE

Rectangular

RESOLUTIONS

0.0005 in./0.01mm

MAXIMUM SIZE

20.3 cm (8 in.)

CONTACT POINT MATERIAL

Stainless Steel

FEATURES

Hardened stainless steel construction with 4 way measurement, OD, ID, depth, step
200,000 hour battery life under normal conditions
Inch/Metric
Zero/ABS key
Supplied in fitted plastic case

trovan[®] FishReader



BC-FW Barcode scanner, ruggedized, external

Industrial-grade area-imaging scanner designed for use in harsh working environments

DIMENSIONS

Weight 133 mm (5.2 in.)

Length 75 mm (2.9 in)

Height 195 mm (7.6 in.)

WEIGHT

300 g (10.6 oz)

COMMS PORT

RS232

INPUT VOLTAGE

4.0 to 5.5 VDC

HOST SYSTEM INTERFACES

USB, keyboard wedge, RS232 TTL

OPERATING TEMPERATURE

-30C to 50C (-22F to 122F)

STORAGE TEMPERATURE

-40C to 70C (-40F to 158F)

HUMIDITY

Up to 95% relative humidity non-condensing

DROP

50 x 2m (6.5 ft) drops to concrete at -30C

ENVIRONMENT

IP65

LIGHT LEVELS

0 to 100,000 lux