

Designed For Reliability..

WATER FLOW

General

The Cable Fox Model (CFX) is HyQuest Solutions latest technology for towing an ADCP or setting up a radar system temporarily for measuring water flow. What distinguishes the CFX from other cableway systems, is its ability to operate on any new or existing cableway diameters from 10mm (3/8") to 32mm (1-1/4") without the need for any additional accessories.

The CFX is easily carried and can operate wirelessly up to 400 metres (1,312 feet), thereby keeping the operator in a safe position, away from any hazards presented by flood waters.

The CFX is a portable unit with low power consumption allowing the user to gauge several sites in the same day.

Features

- Variable traversing speed up to 0.6m/sec (2ft/sec)
- Hoist attachment to adjust 12.2m (40ft.) tether line to ADCP trimaran/board.
- Encoder for distance measurement across stream section
- Low power consumption

Specifications

Cable Fox Motor Body

- Geared Motor 320W
- Speed Drives carriage up to 0.6 m/s (2.00 ft/s)
- Distance Measurement 0.01m (0.01 ft) resolution
- Power Requirement 12V DC 18Ah battery Internal 30A auto reset fuse

Hoist (Optional)

- Lifting Capacity 100 Kg (220 lbs)
- Power Requirements Uses the above Cable Fox power (12V 18Ah) Separate internal 30A auto reset fuse
- Cable Synthetic Rope 12.2m (40ft)

Wireless Remote Control

- Controls
 - Raise / Lower Control + Battery Voltage monitoring
 - Forward / Reverse + Speed control
- LCD
 - 16 char x 2 line with back-lighting
 - Calculates horizontal distance
- Radio Frequency
 - USA 902.5 to 914.5 MHz
 - AUS 915.5 to 927.5 MHz
 - (26 channels @ 1MHz spacing)
- Operating Range 400m (1300 ft) line of sight
- Indicators
 - LEDs for comms. and fault indication
 - Sounder for low battery

- Power Source
 - 3 x NiMh 2.5Ah AA batteries with built in charger (3 x AA Alkaline batteries in an emergency)
- Packed Dimensions
 - Cable Fox: 66 x 54 x 27cm : 35kg
 - Hoist: 55 x 48 x 27cm : 15kg



Contact Us

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