

# Designed for Reliability ...

## SURFACE WATER

### GENERAL DESCRIPTION

The Hornet Plus Cableway System is designed for towing an ADCP for flow gauging across a stream or a mechanical current meter (horizontal or vertical axis type). The Hornet can be easily installed on new or existing cableways.

The Hornet Plus allows the hydrographer to undertake flood flow measurements in a safe position, well away from any hazards presented by flood waters.

The Hoist/Remote Control components can be easily transported from site to site to give the hydrographer flexibility in gauging multiple sites.

#### Main Features

- Easy set up
- Minimal maintenance
- Maximum cable span 400m (1300ft.)
- Variable traversing speed (up to 1.0m/sec; (3.3ft/sec.)
- Auto-correction of horizontal distance
- Auto-correction of depth of observation (angle of drift/airline/wetline measured)
- Remote control (1km; 0.6 mile) range

#### Power Supply

Traversing: AC Mains (or portable generator 1kW)

Hoist: 2 x 12V:38Ah SLA batteries

Remote Control - 3 x NiMh 2.5Ah 'AA' batteries (alkaline type can be used in an emergency)

#### Hoist

Maximum lift : 135kg (300lb)

Cable: 3.2mm amergraph cable

#### Remote Control

Raise/Lower + battery voltage displayed

Forward/Reverse + variable speed control

LCD 16 char. x 2 line with backlighting

Measures and displays distance

LED's for communications and fault indication

Current meter revolutions transmitted wirelessly to remote with signal cleaned and verified

#### Radio Frequency

Licence free bands; USA 902.5-014.5MHz  
AUS 915.5-027.5MHz



### Contact Us

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