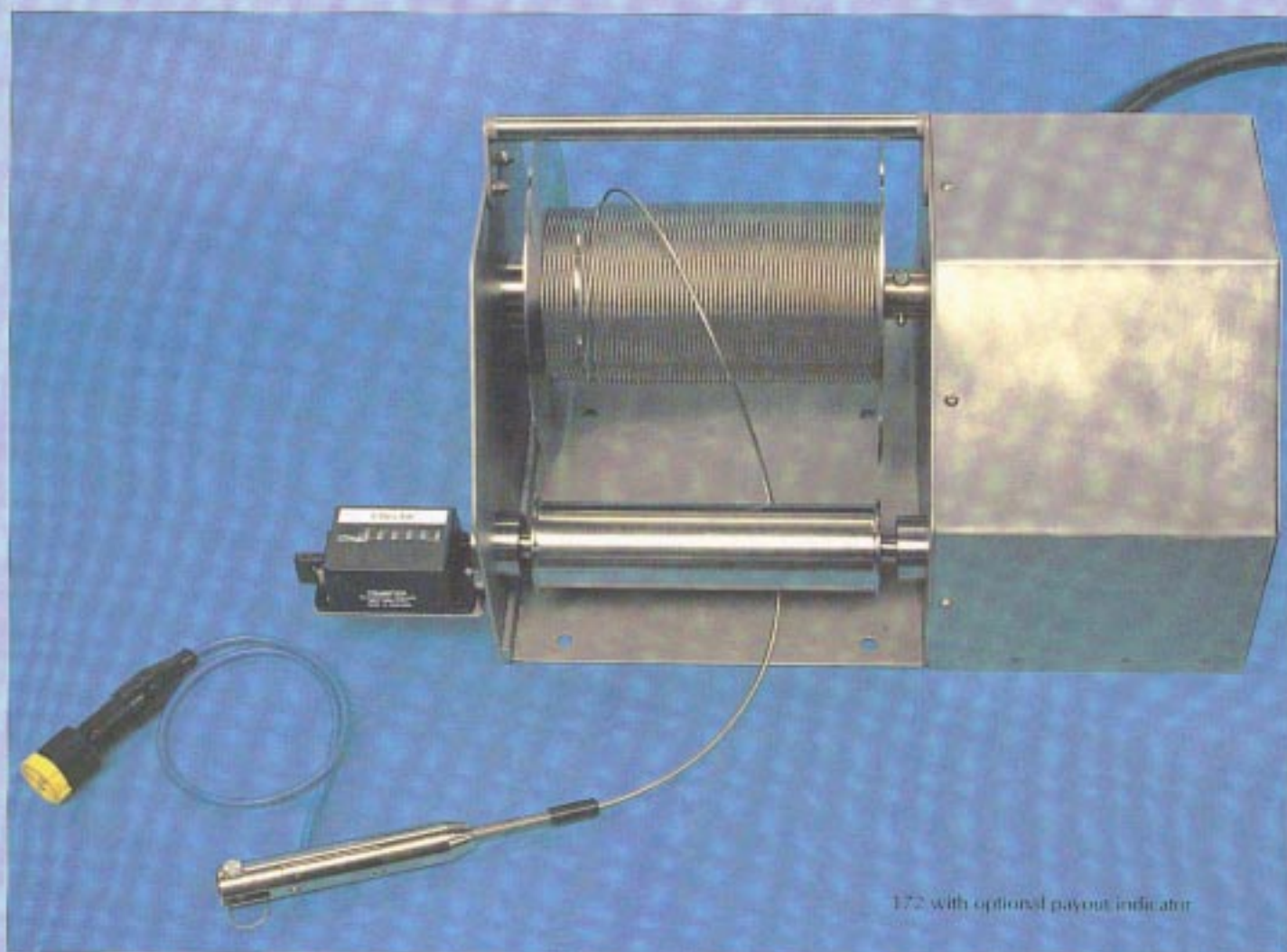


Portable Oceanographic Winch

Model SK 172



172 with optional payout indicator

FEATURES

- 316 Stainless Steel Construction
- 12 or 24V DC Powered
- Up to 8 way Slip-ring
- Hand held Remote Control
- Optional Payout Counter

APPLICATIONS

- Lightweight Side Scan Cables
- CTD Deployment
- Current Meter Deployment

INTRODUCTION

The SK 172 portable oceanographic winch is designed for use with instrument packages where the deployed weight is relatively small. With a choice of 0.5 or 1.3 horsepower motors, the SK 172 boasts many of the features that have made the larger Valeport SK 170 oceanographic winch range a success, but in a smaller, transportable design.

This makes the SK 172 ideal for use in small boat work, and a convenient, safe and reliable method of instrument deployment.

Portable Oceanographic Winch

Model SK 172

SPECIFICATION

PERFORMANCE

- Line Pull:** 40kgf at 25 rpm at core diameter
(9.4 n/min at core)
- Capacity:** 450m of 3mm cable

SLIP RINGS

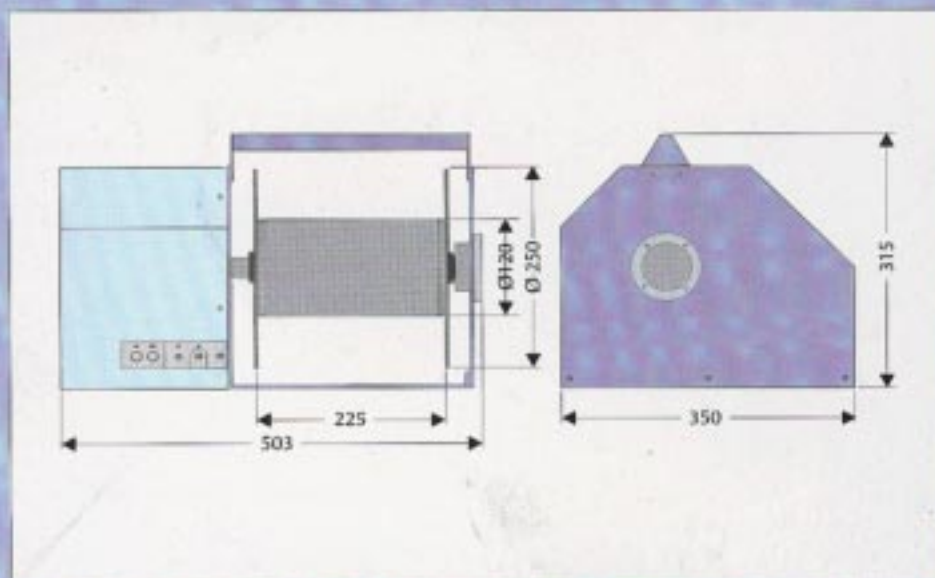
- Contacts:** Silver graphite contacts on silver plated rings
- Number:** Standard 3, with up to 8 optional
- Capacity:** 5 amps per contact
- Housing:** Aluminium, deck water proof, enclosed under winch cover

CONTROLS

- Contactor:** Located in IP65 housing within winch framework
- Controls:** Hand held pendant control on 5 metre fly lead. Winch operates only whilst In or Out buttons are depressed

PAYOUT COUNTER

Optional. Metering is in decimeters, and is via a rolling drum. It is therefore independent of the main drum and unaffected by irregular winding.



DRIVE

- Motor:** 0.5Hp (12V) or 1.3Hp (12 - 24V), sealed to IP54
- Gearbox:** Worm drive direct to drum. Ratio 80:1
- Emergency:** Shaft disengagement facility in case of power failure
- Cover:** Motor and Gearbox enclosed within covered framework

BRAKING

Drum locking is provided by the worm drive

DRUM DIMENSIONS

- Width:** 225mm
- Core Diameter:** 120mm
- Outer Diameter:** 250mm

WINCH DIMENSIONS

- Base:** 510mm deep by 350mm wide
- Height:** 300mm
- Weight:** Approx 30kgf, excluding cable

ORDERING INFORMATION

SK172/EM0.5

Portable oceanographic winch, 0.5Hp, DC powered from 12V, c/w 3 way sealed slip rings and remote control on a 5m lead

SK172/EM1.3

As SK172/EM0.5, but with 1.3Hp motor, 12 to 24V operation

SK172/502

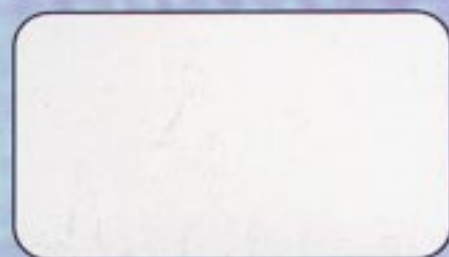
Payout counter option for SK172 type winch

Packing Size:


52cm x 63cm x 42cm

Shipping Weight:

30kg



Valeport manufactures a wide range of oceanographic and hydrometric instruments including self-recording and direct reading multi-parameter current meters, CTD probes, electromagnetic current meters, tide gauges, river flow meters, water and plankton samplers, towed bodies, winches, sinker weights, connectors and accessories.

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