

Arwell-Tekniikka Oy

# CYGNUS

UNDERWATER

## MULTIPLE ECHO ULTRASONIC

Digital Thickness Gauge

### FEATURES

- ◆ Pressure tested to 300 m.
- ◆ Heavy duty sealed unit with double 'O' ring protection.
- ◆ Remote probe with 0.9 m lead for measuring in awkward locations.
- ◆ Rugged durable shock proof construction.
- ◆ Stable calibration - linear accuracy - no zero adjustment.
- ◆ Various probe options.
- ◆ Large bright L.E.D display for poor visibility.
- ◆ Rechargeable batteries with charger.
- ◆ All probes are protected by a membrane to prevent damage.
- ◆ Self verification of the measurements to ensure accuracy.
- ◆ Echo strength indicator to aid measurement.

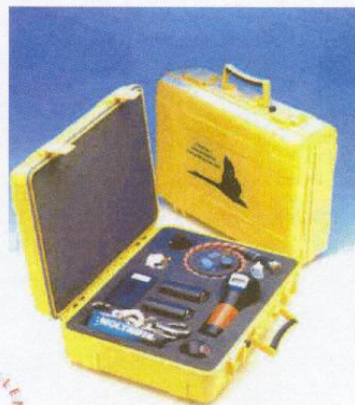


### SPECIFICATION

Materials	Sound velocities between 2000 m/s and 7000 m/s
Range	3 mm - 250 mm with 2.25 MHz probe 2 mm - 150 mm with 3.5 MHz probe 1 mm - 50 mm with 5 MHz probe
Accuracy Resolution	±0.1 mm    OR    ±0.05 mm 0.1 mm        0.05 mm
Probes	Remote single crystal soft-faced compression. 6 mm - 5 Mhz 13 mm - 2.25, 3.5 or 5 Mhz 19 mm - 2.25 MHz
Power	NiMH rechargeable batteries
Display	Large clear L.E.D. display with polarised filter
Size	238 mm x 85 mm
Weight	977 gms with remote probe
Operating Temp.	-10°C to +50°C

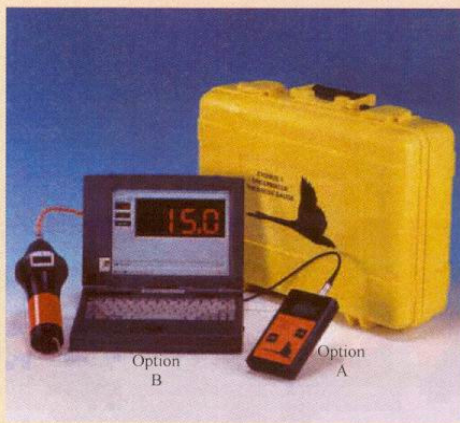
### KIT CONTENTS

Instrument, heavy duty remote 2.25 MHz 13 mm diameter probe, 2 rechargeable batteries and battery charger, spare membranes and 'O' rings, steel test block, lanyard, calibration trim tool, operation manual and carry case.



2 year warranty

## TOPSIDE REPEATER OPTIONS



The topside repeater is available in case of poor visibility or when the readings need to be verified on the surface. Umbilical cable length is specified by the customer up to a maximum of 1000 m. There are two options available:

#### OPTION A

Palm held surface display repeater with large liquid crystal display and an IP65 sealed case.

#### OPTION B

Datalogging and remote display windows based software. The umbilical is connected directly to the serial port of the PC. (The PC is not included)

## AMMATTISUKELLUSVARUSTEET JA VEDENALAISTEKNIIKAN LAITTEET JA JÄRJESTELMÄT

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