

# OxyGuard Handy Salinity

*Hand held Salinity Meter that is extremely easy to use!*



## Measures Salinity directly

**The Handy Salinity combines measurements of conductivity and temperature to give you direct readings of salinity**

**Switch it on, put it in the water and measure - just as with all Handy instruments! The Handy salinity also shows the temperature and the conductivity. Handy Salinity is microprocessor controlled, ensuring correct calculation of the salinity from the precise conductivity and temperature measurements.**

- Large Display
- Choice of Language
- Choice of Units
- Multi-Parameter
- Microprocessor controlled
- Accurate
- Automatic self-check
- Automatic Probe Check
- Long battery life
- Extremely easy to use
- Waterproof meter - short-term submersible
- Unaffected by surface bio-film.

**Specially designed for Aquaculture use**

# Technical Information

## Technical Advantages

OxyGuard Handy Salinity is an easy-to-use, trouble-free way of measuring the salt content of water used in aquaculture and similar. The instrument uses accurate conductivity and temperature measurements to determine the salinity. The conductivity is measured using an inductive sensor so that deposits on the surface of the sensor have very little influence on the measurement. Rigorous cleaning is not needed - just wipe the probe and clean the hole with a bottle brush as needed.

It is easy to select which parameter is shown in large figures - salinity, conductivity or temperature - just press the up or down arrow buttons! Menu functions let the user select the display language, temperature units and display backlight intensity. Otherwise just turn the Handy on and measure!

The battery life is long, and the Handy salinity can be ordered with practically any cable length - 3m is standard.

## Specifications

Parameters:	PPT (‰), Conductivity (mS/cm), Temperature (°C or °F).
Display:	Large, easy to read graphical LCD display. Variable backlight.
Probe Type:	Inductive conductivity sensor, self temperature compensating.
Cable Length:	Standard 3 m. Other on request.
Operating Conditions:	Probe: -5 to +45°C, meter -20 to +60°C.
Encapsulation (meter):	Short-term immersion proof to max. 5m depth.
Measuring Range:	0-60.0 ppt (‰) and 0-100mS/cm. Automatically compensated for temperature. Temperature -5 to +45°C.
Accuracy:	
Repeatability:	Typically better than +/- 0.5% of measured value.
Response Time:	90% of end value in less than 10 seconds in water.
Accuracy, Temperature:	+/- 0.2°C.
Dimensions:	Handy: 98 mm diameter x 36 mm + belt clip (if used). Probe: 40mm diameter x 145mm
Self-check of:	Probe function, meter function, battery.
Useful battery life:	Approx. 1 year with 1 hour's use per day, 3 months with 8 hours use per day.
Standard Accessories:	Cleaning accessories, storage pouch.

## Ordering Information

I01HS Handy Salinity Meter

### Spares

Cleaning pad and brush

Battery