



OSIL
Environmental Instruments
and Systems

SALINOMETER ACCESSORIES

Improve the efficiency of your Guildline Autosol™ or Portasal™ Salinometer with these specifically designed products....

Autosol Computer Interface

The ACI-2017 computer interface allows automated data collection from the Guildline Autosol Salinometer. This solid state interface connects directly to the BCD output of the Salinometer allowing real-time data collection, processing and storage.



The ACI-2017 software operates in Windows and allows the collected data to be downloaded directly to a computer in spreadsheet format, from where it may be stored, printed or exported to other packages. The system increases data recording quality and decreases analysis time by removing the need to manually record data.

Portasal Data Logger

Communication with your Portasal is easy with the PDL1. It connects to the RS232 port (cable included) and offers two-way communication with the Portasal software, enabling users to collect and calculate data automatically. The software runs in a Windows environment on a PC and on-screen prompts guide the operator through the analysis. Statistical analysis is produced automatically for each dataset.

Salinometer Pump

This peristaltic pump unit has been designed and performance tested for improved sample handling on all Guildline Salinometers.

The pump is housed in a robust, water-tight casing and is operated from a 12 volt DC supply. It is easily installed on any Autosol or Portasal Salinometers and there is no need to alter the internal pumps, plumbing or wiring. Using the pump increases the sample throughput by up to 30% allowing for improved sample handling.



FOR FURTHER INFORMATION PLEASE CONTACT:

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Salinity Bottles and Crates

For the storage of salinity samples, type III glass with disposable plastic insert and bakelite screw cap is recommended. The clear glass enables analysts to identify samples with high particulate/contaminant content.

Wire crates are also recommended to allow upright storage of glass salinity bottles and provide protection during handling and storage. The open mesh design allows free circulation of air and water around the samples to facilitate faster temperature equilibrium.



Lab Assistant Software

The Lab Assistant computer program has been specifically designed for dealing with laboratory and field data, providing an integrated solution to the storage of data and routine calculation procedures.

The Lab Assistant provides easy to use worksheet modules with complex calculations automated to a simple push of a button. You provide the raw data, the program does the rest. Features included in the software are: practical salinity from conductivity ratio/conductivity or vice versa, depth from pressure, fundamental properties of seawater and freezing point of seawater.



Standard Seawater Linearity Pack

When analysing samples at salinities away from 35, it is important to know the accuracy of the Salinometers' offset across the working range to improve data quality. Developed to enable the linearity of instruments to be checked more easily, this pack contains; 4 x P-Series, 2 x 38H-Series, 2 x 30L-Series, and 2 x 10L-Series, complete with full instructions.

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