



# SOFTSAL - THE AUTOSAL TO PC INTERFACE WITH ACQUISITION SOFTWARE



The SOFTSAL package is a comfortable add on for AUTOSAL users who want to acquire salinity data from the salinometer by personal computer. During salinometry the PC receives specific information on what you are doing. The system checks for data quality (standard deviations, freak value elimination, sufficient flushing of the cell), inconsistent input (double occurrence of bottle numbers within same box) or instability of electronics (monitors the transferred value of the cell equivalent network which is switched instead of the cell to the electronics during STANDBY). If you don't want the software to decide on your data, you may switch off the automatism and decide

which 2 Rt should be used for calculation of salinity by pressing down the DATALOG push-button. Besides data acquisition there is a second part within the package, that is the data postprocessing. If you have generated control data sets during measuring by taking samples of well known salinity, e.g. samples from standard water ampoules or from prepared substandards, you can eliminate zero order drift of the salinometer. With the SOFTSAL data management packages comes the necessary hardware, that are cables, connectors and an optoisolated interface box for connecting the BCD port of the AUTOSAL to a PC COM port.

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The SOFTSAL package consist of an interface box, a cable to connect the AUTOSAL to the interface box, a cable to connect the interface box to the serial port of a PC and a diskette with the SOFTSAL software.

## Specifications

Size of interface box:	150 x 85 x 30 mm (w x h x d)
Weight of interface box:	190 g
AUTOSAL cable:	Flat ribbon cable with 50-pin male and female SubD connectors
Serial cable:	Standard serial cable with 9-pin male and female SubD connectors
Max. serial cable length:	5 m
Isolation:	Opto isolated data lines, transformer isolated power lines
Power supply:	Via serial interface of PC; no external power supply required
Operating temperature:	0 ... +40 °C
Storage temperature:	-10 ... +70 °C

## System requirements

AUTOSAL:	Guildline AUTOSAL Model 8400x with BCD interface option
System:	IBM® compatible PC
Operating System:	MS-DOS® 3.10 or higher
Serial ports:	One serial interface according to EIA 232

## Extent of supply

SOFTSAL interface box  
50-pin flat ribbon cable, length 1 m  
Standard serial cable, length 2 m  
SubD 9-pin male to 25-pin female adapter (XT serial adapter)  
3,5", 1.44 MB diskette with SOFTSAL software  
SOFTSAL User Manual

## Software demo version with tutorial available

SiS reserves the right to change specifications without prior notice



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