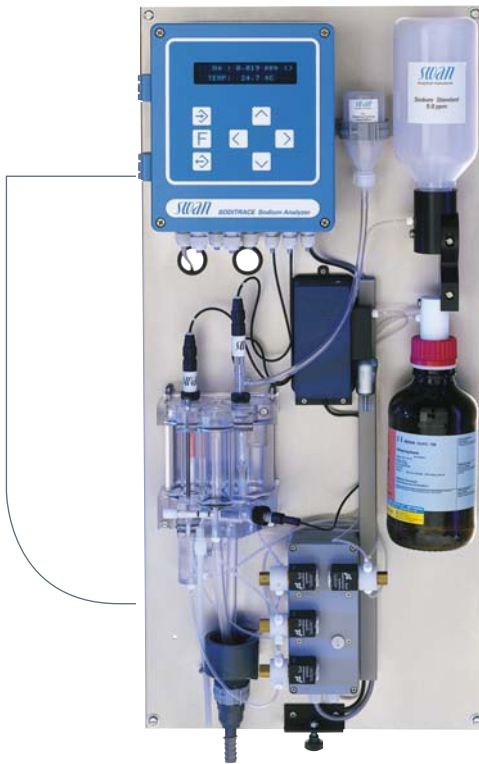


Sodium



Swan Soditrace Sodium Analyser
On line analyser for the measurements of sodium ions in trace amounts.

Options

- RS485 interface for PROFIBUS, MODBUS ASCII/RTU or modem

SPECIFICATIONS

Parameter	
Measuring range	0.001 to 10 ppm
Accuracy	+/-0.001 ppb or +/-10% of reading
Reproducibility	+/-0.001 ppb or +/-5% of reading
Response time	(90%) 120 seconds
Temperature range	-30 to +130°C in steps of 0.1°C
System	
System consists of transmitter, measuring cells, air pump and reagent system mounted on a backplate	
Automatic 3 point known addition calibration in the ppb range	
Automatic control of sample pH conditioning	
Continuous monitoring of under voltage, reagent levels, sample flow, sample temperature and electrode performance	
Galvanically separated connection for sodium and reference electrodes, temperature probe and conductivity cell	
Four potential free contacts (2 as limit switches, 1 as cal status and 1 alarm)	
Four galvanically separated signal outputs 0/4 – 20mA with freely scaleable linear or logarithmic output	
RS232 interface	
Full text display	
Sample flow 100 ml/min	
Sample pressure 0.3 to 3 bar	
Sample/ambient temperature 5 to 45°C	
Protection NEMA 4X/IP65	

ORDERING INFORMATION

Swan Soditrace Sodium Analyser standard unit	Reference: SN/A-24.510.100	£7200.00
Swan Soditrace Sodium Analyser with RS485 interface	Reference: SN/A-24.510.110	£7252.00