

AQUALAB

The Greenspan AQUALAB is a configurable analyser allowing you to select the appropriate chemistry package for your application from wastewater to environmental monitoring.

AQUALAB can be configured to perform any selection of physical parameters (pH, electrical conductivity, dissolved oxygen, turbidity, temperature and oxidation reduction potential - ORP) and nutrient parameters (total reactive phosphorus, nitrate, ammonia and ammonium).

On board standards and dynamic calibration in association with standard laboratory methodologies ensures that AQUALAB will provide accurate and laboratory comparable data.

The functionality of the AQUALAB allows for unattended operation with a minimum of field visits and the advantage that data review, system monitoring and diagnostics can all be performed via your desktop PC.



*The **Cost-Effective Solution** to all your Water Quality Monitoring Needs*

AQUALAB



Sample Data Variation Alarms

System Alarms

Remote Data Acquisition

Remote Diagnostics

Optional Temperature Control Unit

The Greenspan AQUALAB analytical system is housed in a weatherproof IP 54 cabinet. The cabinet also houses the communication and control electronics along with reagent and standard solution storage bottles.

AQUALAB is the solution for continuous unattended analysis and is packed with additional features.

Parameter	Method	Range
pH	Glass electrode Std. Method 4500-H+B	2-12
EC	Conductivity cell Std. Method 2520B	0-2,000µS/cm
DO	Galvanic membrane electrode Std. Method 4500-O-G	0-20 mg/L
ORP	Platinum electrode Std. Method 2580B	+/- 1000mV
Turbidity	Nephelometer Std. Method 2130B	0-2000 NTU
NO3	ISE Std. Method 4500 -NO3 D	0.1-14 mg/L
PO4	Colorimetric Std. Method 4500 -P E	0.05-3mg/L
NH3	ISE Std. Method 4500 - NH3 D	0-14 mg/L
NH4	ISE	0.3-14mg/L

Parameter	Method	Range
Total Phosphorus	Colorimetric Std. Method 4500 - B	0.1-3mg/L
Total Nitrogen	Colorimetric Std. Method 4500 - Norg D (Mod)	0-7mg/L
TOC	Non-Dispersive IR Std Method 5310 D	0-50mg/L

Specifications			
Enclosure	IP 54	Power Average	15.6 VA
Dimensions	1900x600x800 (WxHxD)	Voltage	85-264 VAC
Weight	75kgs	Alarms	System & Sample
Processor	80C188	Sampler Output	Option
Data Storage	1mb Total - 491k for Data Storage - typically 3 months data	Output	Optional 4-20mA per channel
		External Inputs	up to 8 x 4-20mA
Display	Back Lit LCD	Scheduling	25 User Defined Schedules
Calibration	User Definable	Communications	Landline, GSM or Satellite
Sample Flow Rate	20-60 l/min	Interrogation	RS 232
Ambient Conditions	5°-50°C	Software	Analyser 32/Aquagraph

Revision 1.0