

AS BIOSCOPE

Find out how the bacteria in your Wastewater Treatment Plant are performing in real-time.

The information is at your fingertips with our hand held portable AS analyser.

This simple to use instrument quickly measures bacteria performance in aerobic wastewater treatment facilities providing valuable information in the following application areas:

- Biodegradation rate profiling. By assessing how your plant is performing under real time conditions.
- Bacterial health by comparing the current sample with the last ten measurements at a specified point.
- Energy Optimisation by determining the critical oxygen point.
- Measuring DO and temperature levels at any selected point in your plant including RAS lines and Clarifiers.
- SVI and SSVI performance.

The AS Bioscope has been optimised to provide very simple measurements of:

- OUR (Oxygen Update Rate)
- DO (Dissolved Oxygen)
- Critical Oxygen Point
- Temperature
- Settlement

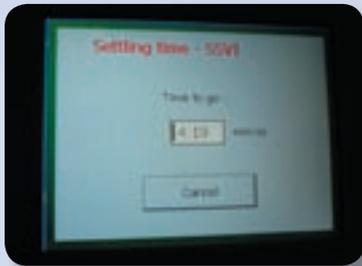




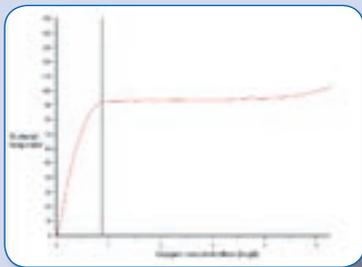
RUN SCREEN



OXYGEN UPTAKE RATE BIODEGRADATION PROFILE



SSVI TESTS



CRITICAL OXYGEN POINT ANALYSIS

FEATURES

- Touch screen user interface
- Software automatically calculates OUR and Critical Oxygen point
- Simple data transfer to PC
- Measuring point history file created
 - Remotely at PC
 - In the field via touch screen
 - I-button sensing in the field
- Automatic temperature compensation

SPECIFICATION:

Sensors: 1 Strathkelvin Instruments 1302 oxygen electrode, bias voltage 650 mV.
1 solid state sensor.

Data Storage: Sony Microsoft Tiny USB Flash Drive

Ambient temperature range: 0 °C to 40 °C.

Environmental: Altitudes up to 2000 m.
Pollution Degree 1.

Safety: Complies with EN61010-1

Storage temperature range: - 20 °C to + 60 °C.

EMC: Complies with EN50081-1 and EN50082-1

Weight (dry): 5kg. With carrying case 12kg