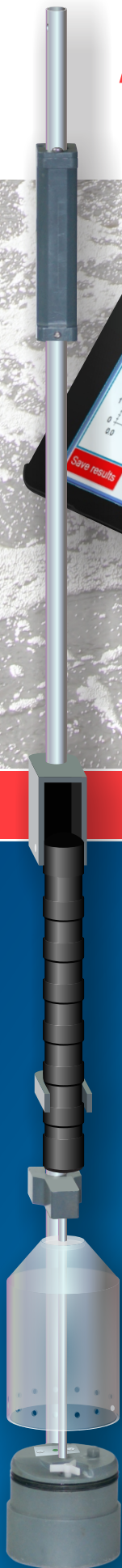


QUICK EASY PORTABLE RESPIROMETRY

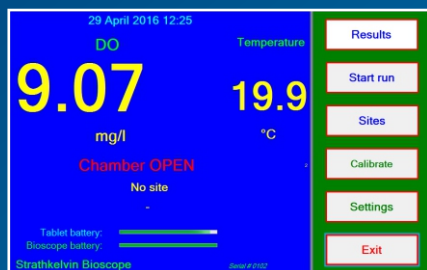
RESPIROMETRY

EASILY MEASURE BACTERIAL PERFORMANCE IN ACTIVATED SLUDGE

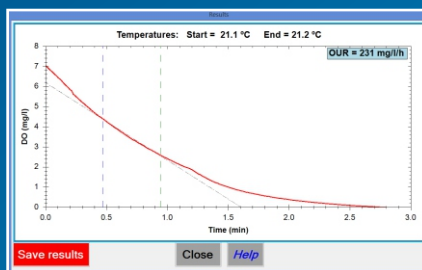
- ▲ OUR (Oxygen Uptake Rate)
- ▲ DO (Dissolved Oxygen)
- ▲ Critical Oxygen Point
- ▲ Temperature
- ▲ Settlement



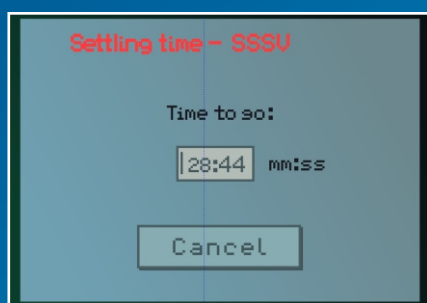
RESPIROMETRY - WITHOUT THE LAB



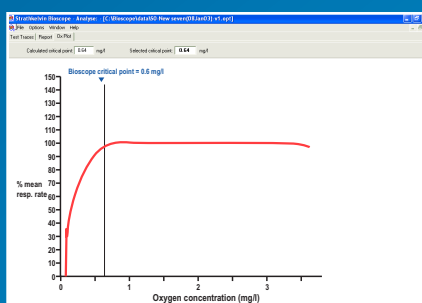
RUN SCREEN



OXYGEN UPTAKE RATE (O.U.R.) BIODEGRADATION PROFILE



sSVI TESTS



CRITICAL OXYGEN POINT ANALYSIS

WITH THE AS BIOSCOPE YOU CAN:

- ▲ **Profile** biodegradation rates by assessing how your plant is performing under real-time conditions.
- ▲ **Compare** bacterial health with the last ten measurements at a specified point.
- ▲ **Optimize** Energy by determining the critical oxygen point
- ▲ **Measure** DO and temperature levels at any selected point in your plant, including RAS lines and clarifiers.
- ▲ **Assess** SVI & sSVI performance

TECHNICAL SPECIFICATIONS

- ▲ **Sensor:** Luminescent Dissolved Oxygen sensor (LDO)
- ▲ **Data Storage:** Bioscope Tablet/SD card or USB thumb drive
- ▲ **Environmental:** Altitudes up to 2000m (~6560 ft.)
Pollution Degree 1
0°C to 40°C Ambient Temperature
20 to 80% RH.
- ▲ **Safety:** Complies with EN61010-1
- ▲ **Storage temperature range:** ... -20 to +60°C
- ▲ **MC Compliance:** EN50081-1 and EN50082-1
- ▲ **Weight (dry):** 5kg. With carrying case 12kg
- ▲ **Power:** Three Rechargeable batteries type 18650
- ▲ **Operating System:** MS Windows Tablet; Dell Venue 8 Pro 5830

FEATURES

- ▲ MS Windows touch-screen interface
- ▲ Software automatically calculates OUR and Critical Oxygen point
- ▲ Simple data transfer to PC
- ▲ Measuring point history file created
 - Remotely at your PC
 - In the field via touch screen
 - Bar-code location ID in the field
- ▲ Automatic temperature compensation



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