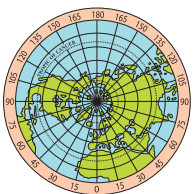




## **AUTOMATED MICROBIOLOGY GROWTH ANALYSIS SYSTEMS**

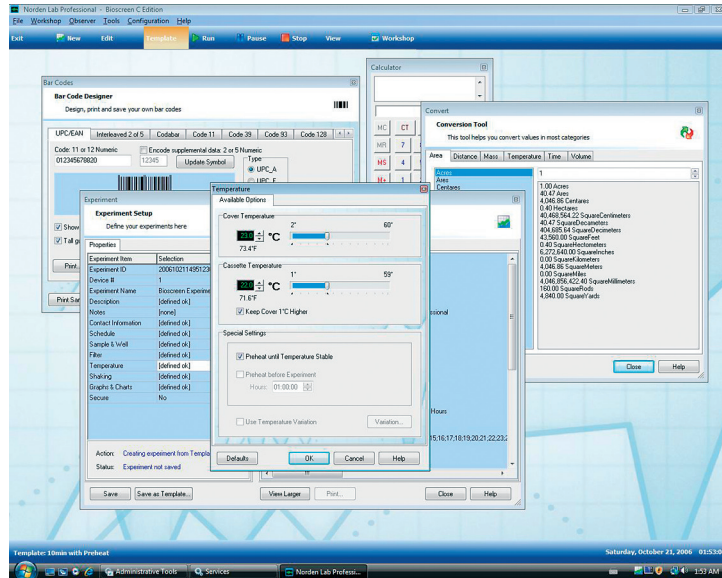
- **Kinetic measurements** of turbidity of 200 samples at a time
- **Fast** – Results in hours, not days
- **Accurate** – Eliminates manual errors
- **Easy** – Growth Curves Plotted automatically
- **Automated** – Just load and go
- **Workhorse** – Do a year's work in a week
- **Durable** – systems in daily use for over 20 years.
- **Samples** – Bacteria, yeast, Fungi, aerobes anaerobes



## UNIQUE BIOSCREEN C MBR SYSTEM

Bioscreen C is a system designed for automating routine microbiology work. It is a computer-controlled incubator/reader/shaker equipped with 8 filters from 405nm to 600nm including a wide band filter. It has a sensitive reader measuring turbidity, a technique more sensitive than a spectrophotometer. Its unique patented incubator system can maintain temperature with a 0,1 degree centigrade accuracy.

With the help of newly released software OD values can easily be modified into virtually any data or graph format without having to export raw data to third party software solutions.



### Accessories

Honeycomb micro-plates are sterile plates packed individually in boxes of 100 plates. The system has three digital multi-channel pipettes, for various volume ranges. There are also two pipette tip standard covering the volume range of the pipettes for easy pick-up of the tips.

## TYPICAL APPLICATIONS

### Pharmaceuticals

Drugs development, effects of antibiotics, microbial drug resistance.

### Food

New food development, developing new preservatives and optimizing the use of preservatives, QC of food.

### Environmental

Modeling microbiological processes. Bioscreen can monitor the growth of pure or mixed cultures and check the effect of single or multiple parameters of different microorganisms.

### Research

Toxicity measurement, stimulant and inhibitor screening. Growth media development and optimization of fermentation processes. Functional genetics studies using yeast.

### Bioscreen Specifications

Micro plate type:	Labsystems Honeycomb 2
Incubating capacity:	2 plates / 100 wells each / max cap 400 µl
Incubating temperature:	1.0–60.0 °C in step of 0.1 °C, 6° below ambient
Filters:	8 filters from 405 nm to 600 nm including wide band
Operating system:	Windows 2000 or higher

### Ordering Information

5101370	Bioscreen C MBR without Dispenser 220 / 110 V
9502550	Honeycomb 2 plate with cover (Sterile), 100 plates / box
4347010	Varichannel 5-channel FP 5–50 µl pipett
4347020	Varichannel 5-channel FP 40–200 µl pipett
4347030	Varichannel 5-channel FP 200–1000 µl pipett
9420200	Stand for tips 0,5–200 µl
9420210	Stand for tips 200–1000 µl

### Manufactured by

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### Distributed by

GROWTH CURVES