

# BIOSCREEN C

AUTOMATED GROWTH CURVES

PRECISE ANAEROBE MICROPLATE TURBIDITY TEMPERATURE AEROBE FOOD  
CURVE YEAST REFERENCE MICROBIOLOGY BIOFUEL ANAEROBE BIOFUEL  
BIOFUEL MOLD AEROBE ANAEROBE MOLD AUTOMATED MOLD FOOD  
GROWTH FOOD  
MOLD ANAEROBE UNIQUE BACTERIA GROWTH BIOFUEL CURVE MICROPLATE ENVIRONMENT  
ANALYSIS AEROBE ENVIRONMENT GROWTH REFERENCE YEAST CURVE MICROBIOLOGY  
TEMPERATURE GROWTH YEAST FOOD MICROBIOLOGY CURVE BIOFUEL ENVIRONMENT MICROPLATE  
FOOD BIOFUEL ANAEROBE ANALYSIS EASY MICROPLATE  
TURBIDITY FOOD BACTERIA  
CURVE EFFICIENT TURBIDITY  
MOLD TURBIDITY DURABLE  
MICROPLATE BACTERIA ENVIRONMENT TEMPERATURE  
ENVIRONMENT ANAEROBE FOOD APPLICATION FOOD  
TURBIDITY MICROBIOLOGY BACTERIA MICROBIOLOGY  
TEMPERATURE ANALYSIS WATER GROWTH ANALYSIS MOLD FOOD  
ANALYSIS REFERENCE TURBIDITY TEMPERATURE GROWTH  
YEAST FAST RELIABLE CURVE BIOFUEL WATER  
WATER GROWTH REFERENCE GROWTH APPLICATION ENVIRONMENT  
APPLICATION BIOFUEL CURVE DIRECT CURVE MICROPLATE TURBIDITY  
CURVE TEMPERATURE MICROBIOLOGY MICROBIOLOGY BACTERIA AEROBE  
SIMPLE AEROBE REFERENCE YEAST ANALYSIS



## **AUTOMATED BIOSCREEN C SYSTEM FOR MICROBIOLOGICAL GROWTH STUDIES**

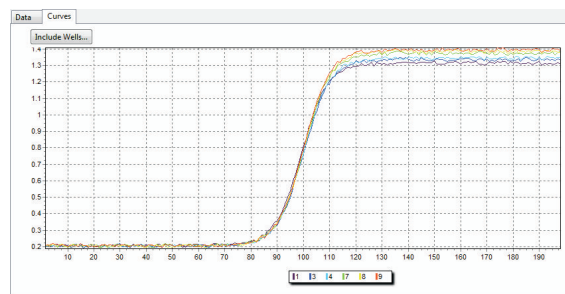
Over time the Bioscreen C microbiological growth monitoring system has gained a solid reputation among researchers around the world as a reliable and precise reference study system. It is the best system for long experiments requiring exact reading accuracy and precise temperature control.

Bioscreen C incubates, shakes and measures turbidity (OD) of the 200 samples automatically.

The Bioscreen C has a special incubator with controlled liquid circulation. This and a unique 10x10-well Honeycomb microplate with lid gives unmatched temperature distribution between the samples and also minimizes evaporation of the sample liquids.

The temperature control keeps the samples precisely at the desired temperature (max. +60,0°C). When needed, it is possible to cool down the samples at least 6°C below the ambient temperature.

With the new BioScreener™ software you are able to take maximum performance out of the Bioscreen C system to speed up your own processes.



There are thousands of reference studies made throughout the world with the Bioscreen C system in a wide variety of applications, many of them publicly available. To find publications of applications close to your own interest, either visit our website at [www.bioscreen.fi](http://www.bioscreen.fi) or make a search with Google Scholar using "Bioscreen C" as the first search criteria.

### **TYPICAL APPLICATIONS:**

**PHARMACEUTICAL, FOOD, WATER,  
ENVIRONMENTAL, AGRICULTURAL, WINE,  
INDUSTRIAL, MOLECULAR AND VETERINARY  
MICROBIOLOGY etc...**

**BIOFUEL, BIOENERGY, GENOMICS,  
FERMENTATION, GENE TECHNOLOGY,  
ANTIBIOTICS, BIOTECHNOLOGY etc...**

**BACTERIA, AEROBES, ANAEROBES, YEAST,  
MOLD, ALGAE, CELL, PHAGE etc...**

### **BIOSCREEN C SPECIFICATIONS**

Incubating Temperature:	1,0 - 60,0°C in steps of 0,1°C as well as 6°C below ambient.
Filters (8 pcs):	405, 420, 450, 492, 540, 580, 600 nm & wide band (420-580 nm).
Microplate type:	Unique Honeycomb 2 microplate with 100 wells and a lid.
Incubating capacity:	2 microplates, 200 wells, well capacity max. 400 µl.

### **BIOSCREEN C ACCESSORIES**

Microplates:	Sterile Honeycomb 2 microplate with cover, 100 plates / box.
Pipettor:	Viaflo Voyager Pipettor, 10-channel adjustable electronic pipettor. Especially customized for sample transfer between Bioscreen C Honeycomb 100-well microplates, 96-well plates & other lab ware.

### **MANUFACTURED BY**



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