

Microbial cell cultivation

A microbial culture is a method of multiplying microbial organisms by letting them reproduce in a predetermined culture medium under controlled laboratory conditions. These essential experiments depend a lot on a controlled environment where a selection of reliable devices is the most crucial point. Our devices have proved themselves in thousands of experiments and recognized worldwide. Shakers, rockers, incubators with and without CO₂. Our patented Reverse-Spin Technology gives unparalleled results with its innovative mixing technology (RTS line devices). A wide variety of different devices are available to meet the most demanded requests.

1

Cultivation equipment with and without temperature control



● ES-20
Orbital Shaker-Incubator



● ES-20/60
Orbital Shaker-Incubator



● ES-20/80
Orbital Shaker-Incubator



● ES-20/80C
Orbital Shaker-Incubator with cooling



● PSU-10i
Orbital Shaker



● S-BT SMART
BIO THERM
Compact CO₂
Incubator



● PSU-20i
Multi-functional
Orbital Shaker

New

2

Manual turbidity measurement (in McFarland units)

Upgraded



● DEN-1
Densitometer
(suspension
turbidity detector)



● DEN-1B
Densitometer
(suspension
turbidity detector)

3

Cultivation and Real-time OD Measurements and Logging



● RTS-8
Personal multi-channel bioreactor with non-invasive real time OD measurement



● RTS-8 PLUS
Personal multi-channel bioreactor with non-invasive real time OD pH and pO₂ measurement



● RTS-1
Personal bioreactor



● RTS-1C
Personal bioreactor



LABAQUA
BIO
ultrapure water
system



● LMC-3000
Laboratory
Centrifuge



● LMC-56
Laboratory
Centrifuge



● LMC-4200R
Laboratory
Refrigerated
Centrifuge



ASSIST
pipette series



ASSISTBOY
pipette controller



ASSIST
pipette series with
volume lock

New

New