

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

		Upgraded	Upgraded
			
● ES-20 <i>Orbital Shaker-Incubator</i>	● ES-20/60 <i>Orbital Shaker-Incubator</i>	● ES-20/80 <i>Orbital Shaker-Incubator</i>	● ES-20/80C <i>Orbital Shaker-Incubator with cooling</i>
	Upgraded		
			
● PSU-10I <i>Orbital Shaker</i>	● S-BT SMART BIOTHERM <i>Compact CO₂ Incubator</i>	● PSU-20I <i>Multifunctional Orbital Shaker</i>	

2

Manual turbidity measurement (in McFarland units)

	
● DEN-1 <i>Densitometer (suspension turbidity detector)</i>	● DEN-1B <i>Densitometer (suspension turbidity detector)</i>

3

Cultivation and Real-time OD Measurements and Logging

			
● RTS-8 <i>Personal multi-channel bioreactor with non-invasive real time OD measurement</i>	● RTS-8 PLUS <i>Personal multi-channel bioreactor with non-invasive real time OD pH and pO₂ measurement</i>	● RTS-1 <i>Personal bioreactor</i>	● RTS-1C <i>Personal bioreactor</i>



LABAQUA
BIO
ultrapure water
system



● LMC-3000
Laboratory
Centrifuge



● LMC-56
Laboratory
Centrifuge



● LMC-4200R
Refrigerated
Laboratory
Centrifuge



ASSIST
pipette series



ASSISTBOY
pipette controller



ASSIST
pipette series with
volume lock