

## Anaerobic Jars, schuett-biotec

### Anaerobic Jars

For the cultivation of anaerobic and microaerophilic microorganisms in a defined, rapidly generated and optimum gas atmosphere.

There are two ways to establish the required atmosphere under optimum conditions:

Either by chemical GasPack kits (anaerobic systems) or by manual evacuation of the jars via vacuum pump and subsequent gassing (e.g. with nitrogen). No chemical accessories are required in this case (except anaerobic jars "eco" and "crystal eco"). The jars are made of robust stainless steel or transparent PC. The jar lids are made of UV-stable plastic or transparent polycarbonate, equipped with two corner valves incl. tube clips for vacuum hoses (inner diameter 5 mm) as well as manometer for exact control of the vacuum or overpressure (-1 to +0.2 bar) (except anaerobic jars "eco" and "crystal eco"). The optional stainless steel racks are equipped with holders for comfortable handling of the anaerobic systems.

Anaerobic methods: 3 x evacuation and gassing, uninterrupted gassing for 5 minutes, and chemical gas generation (GasPacks) for anaerobic jars "small", "standard", "large" and "crystal". For anaerobic jars "eco" and "crystal eco", only uninterrupted gassing for 5 minutes (use of GasPack kits).

**Special versions:** Other equipment available on request.

Examples: Specifically produced lids, for example made of special or heat-resistant materials, heat-resistant pressure gauge (max. 100°C), anaerobic jar "large" with stainless steel lid, without cocks/pressure gauges, etc.

Technical data:	Anaerobic jar "large"	Anaerobic jar "small"	Anaerobic jar "standard"	Anaerobic jar "eco"	Anaerobic jar "crystal"	Anaerobic jar "crystal eco"
Liters:	6	2	3	3	3	3
Inner Ø mm:	175	120	120	120	120	120
Inner height mm:	260	170	270	270	270	270
Material jar:	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Polycarbonat (transp.)	Polycarbonat (transp.)
Material cover:	Plastic (black)	Plastic (black)	Plastic (black)	Polycarbonat (transp.)	Polycarbonat (transp.)	Plastic (black)
Configuration:	2 valves 1 manometer	2 valves 1 manometer	2 valves 1 manometer	Ventilation screw	2 valves 1 manometer	Ventilation screw

### Anaerobic jars for up to 15 Petri dishes Ø 60 – 100 mm (150 mm)

Article	Order No.
③ Anaerobic jar "large"	10 31 83801
① Anaerobic jar "small"	10 31 83802
② Anaerobic jar „standard“	10 31 83803
④ Anaerobic jar "eco" 1)	10 31 83805
⑤ Anaerobic jar "crystal"	10 31 83809
⑥ Anaerobic jar "crystal eco" (only for GasPack-Kits)	10 31 83810

### Racks with holder for anaerobic systems

Article	Order No.
Rack "small" for up to 10 Petri dishes Ø 60–100 mm suitable for anaerobic jars large, small, standard, eco, crystal	10 31 83851
⑦ Rack "standard" for up to 15 Petri dishes Ø 60–100 mm suitable for anaerobic jars large, standard, eco, crystal	10 31 83852
Rack "150" for up to 15 Petri dishes Ø 150 mm suitable for anaerobic jars large	10 31 83853
Rack "3x60" for up to 45 Petri dishes Ø 60 mm suitable for anaerobic jars large	10 31 83854
Rack "micro" for multiwell plates suitable for anaerobic jars large	10 31 83855
⑧ Rack "Test Tubes" for 9 test tubes Ø 18 mm suitable for anaerobic jars large, small, standard, eco, crystal	10 31 83856

GasPack-Kits "anaerobic", "CO<sub>2</sub>", "microaerophil" available on request.

