

Anaerobic Jars, schuett-biotec

Anaerobic Jars

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

Anaerobic methods:

1. Evacuating (with vacuum pump) and filling with gas (e.g. nitrogen) without chemical accessories.
2. Chemical anaerobic systems (GasPacks), available as accessories.

Jars:

- break-proof and non-ageing
- made of robust stainless steel or transparent polycarbonate

Lids:

- UV-resistant plastic or transparent PC
- with two corner valves incl. tube clips for flushing and vacuum hoses (5 mm inner-Ø)
- with manometer for exact control of the vacuum or over pressure (-1 to +0.2 bar).

On request, the lids are available as custom-made versions, e.g. made of other material, without valves/manometer or equipped with high-temperature manometer.



Technical data:	Anaerobic jar „large“	Anaerobic jar „small“	Anaerobic jar „standard“
Liters:	6	2	3
Inner Ø mm:	175	120	120
Inner height mm:	260	170	270
Material jar:	Stainless steel	Stainless steel	Stainless steel
Material cover:	Plastic (black)	Plastic (black)	Plastic (black)
Configuration:	2 valves 1 manometer	2 valves 1 manometer	2 valves 1 manometer

Anaerobic jar „eco“	Anaerobic jar „crystal“
3	3
120	120
270	270
Stainless steel	Polycarbonat (transp.)
Polycarbonat (transp.)	Polycarbonat (transp.)
Ventilation screw	2 valves
	1 manometer

Article	Order No.
③ Anaerobic jar „large“ for up to 15 Petri dishes Ø 60–150 mm	10 31 83801
① Anaerobic jar „small“ for up to 10 Petri dishes Ø 60–100 mm	10 31 83802
② Anaerobic jar „standard“ for up to 15 Petri dishes Ø 60–100 mm	10 31 83803
④ Anaerobic jar „eco“ 1) for up to 15 Petri dishes Ø 60–100 mm	10 31 83805
⑤ Anaerobic jar „crystal“ for up to 15 Petri dishes Ø 60–100 mm	10 31 83809

1) only for GasPack-Kits

Racks

Racks for petri dishes, multiwell plates or test tubes. Equipped 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
⑥ 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
Rack „Test Tubes“ for 9 test tubes Ø 18 mm suitable for anaerobic jars large, small, standard, eco, crystal	10 31 83856

Anaerobic systems and accessories

Article	Order No.	PU pc/Pack
GasPack-Kit „anaerobic“ for oxygen-free atmosphere, 1 bag = 3.5 l volume	10 31 88803	10
GasPack-Kit „CO₂“ for CO ₂ -charged atmosphere, 1 bag = 3.5 l volume	10 31 88804	10
GasPack-Kit „microaerophil“ for microaerophile atmosphere, 1 bag = 3.5 l volume	10 31 88805	10
Anaerobiosis indicator, test strips	10 31 88806	100
Safety-Catalyst-Set, bags	10 31 88807	5

