



DATA SHEET

Model: **ESX-9520/051..067 Series** **Anaerobic jars, stainless steel**

For the cultivation of anaerobic and microaerophilic microorganisms in a defined and rapidly generated gas atmosphere. The requested atmosphere may be reached under ideal conditions by two methods. Either by using chemical gas packs (anaerobe systems) or by manually evacuating the jars with a vacuum pump and flushing with gas afterwards (e.g. with nitrogen), in this case no chemical accessories are needed (except anaerobic jar eco). The jars are made of robust stainless steel or transparent PC. The lids are made of UV-resistant plastic or transparent polycarbonate with two corner valves incl. tube clips for vacuum hoses (5 mm i.d.) and with manometer for exact control of the vacuum or overpressure from -1 to 0.2 bar (except anaerobic jar eco). On request, the lids are available as custom-made versions, e.g. made of other material, without valves and manometer or equipped with high-temperature manometer. The optional racks are made of stainless steel providing holders for comfortable operation of the anaerobe systems.

Methods for reaching anaerobic conditions:
 3 x times evacuating and filling gas, flushing with gas for 5 minutes and chemical gas production (GasPacks) for Anaerobic jars "small", "standard", "large" and "crystal".
 For Anaerobic jar "eco" flushing with gas for 5 minutes (Using GasPack-Kits).



Technical Features

Model	Type	To hold dishes quantity	Int. diam. mm	Int. height mm	Capacity litres	PK	Fig.
ESX-9520/051	Anaerobic jar "small"*	10 (60 to 100mm)	120	170	2	1	A
ESX-9520/056	Anaerobic jar "standard"*	15 (60 to 100mm)	120	270	3	1	B
ESX-9520/050	Anaerobic jar "large"*	15 (up to 150mm)	175	260	6	1	C
ESX-9520/057	Anaerobic jar "eco"***	15 (60 to 100mm)	120	270	3	1	D
ESX-9520/058	Anaerobic jar "crystal"***	15 (60 to 100mm)	120	270	3	1	E
ESX-9520/059	Rack "small" (for all Anaerobic jars)	10 (60 to 100mm)				1	
ESX-9520/053	Rack "standard" (for "standard", "large", "eco", "crystal")	15 (60 to 100mm)				1	F
ESX-9520/060	Rack "150" (for "large")	15 (up to 150mm)				1	
ESX-9520/061	Rack "3 x 60" (for "large")	45 (60mm)				1	
ESX-9520/062	Rack "micro" (for "large")	for multiwell plates				1	
ESX-9520/063	Test tube holder (for all Anaerobic jars)	for 9 test tubes (18mm)				1	
ESX-9520/064	GAS-Pack-Kit "anaerobic" (1 x 3.5 l)					10	
ESX-9520/065	GAS-Pack-Kit "CO2" (1 x 2,5 l)					10	
ESX-9520/066	GAS-Pack-Kit "microaerophil" (1 x 3,5 l)					10	
ESX-9520/067	Anaerobiose Indicator (test strip)					100	

*Stainless steel jar with UV-resistant plastic lid (2 valves, 1 manometer)

**Stainless steel jar with UV-resistant plastic lid (ventilation screw)

***Transparent polycarbonate jar and lid (2 valves, 1 manometer)



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