

Bactron anaerobic chambers, made by Sheldon Manufacturing - USA

KENTRON Microbiology offers a range of 4 different BACTRON anaerobic chambers. These anaerobic chambers can also be modified to your specific needs.

BACTRON Model Part ID [Part ID - 220V]	BACTRONEZ BAAEZ22 BAAEZ22-E	BACTRON300 BAA30022 BAA30022-E	BACTRON600 BAA60022 BAA60022-E	BACTRON900 BAA90022 BAA90022-E
Outer dimensions (w x d x h)	1245 x 813 x 701 mm	1583 x 813 x 701 mm	2248 x 826 x 701 mm	2248 x 826 x 854 mm
Workspace dimensions (w x d x h)	838 x 734 x 635 mm	1059 x 734 x 635 mm	1059 x 734 x 635 mm	1059 x 734 x 635 mm
Workspace volume	354 L	453 L	453 L	453 L
Airlock (w x d x diagonal)	229 x 272 x 229 mm	406 x 254 x 292 mm	406 x 254 x 292 mm	406 x 254 x 292 mm
Volume Airlock	20.9 L	36.5 L	36.5 L	36.5 L
Dimensions incubator (w x d x h)	699 x 216 x 340 mm	699 x 216 x 340 mm	597 diameter x 470 mm	Storage space incubator: 699 x 216 x 343 mm 2 nd incubator: 597 x 470 mm
Volume incubator	39.6 L	39.6 L	130 L	Storage space incubator: 39.6 L 2 nd incubator: 130 L
Gross weight	116kg	138kg	187kg	215kg
Other				
Capacity incubator	300 Plates	300 Plates	600 Plates	900 Plates
Airlock capacity	78 Plates	216 Plates	216 Plates	216 Plates



Accessories for the culture of anaerobic organisms

Challenges for culturing oxygen sensitive micro-organisms in anaerobic jars!

Unfortunately there are many products in the market which, in daily routine, do not always meet the demands of the users. Kentron Microbiology has been active for many years in anaerobic and microaerophilic cultures. This allows us to offer flexible solutions with the correct advices for incubating anaerobic, microaerophilic and capnophilic bacteria. We are also able to offer tailor-made solutions for special applications in these fields.



Kentron Microbiology BV has been serving the microbiology world for many years with our knowledge of the creation of anaerobic conditions and culturing anaerobic bacteria with automatic systems, based on the principles of McIntosh & Fildes. The oxygen rich atmospheres are replaced by an anaerobic gasmixture or a custom-made gasmixture with different levels of N₂, H₂ and CO₂.



The A-Tube series anaerobic jars AJ-MK1, AJ-MK2, AJ-MK3 and AJ-MK4

Anaerobic jars for anaerobic and microaerophilic culture

Made out of Polymethyl methacrylate (PMMA), a robust construction with a smooth interior for easy cleaning. A separate aluminium clamp is attached to the aluminium lid with an ergonomic grip. A snap-shut coupling on the lid allows connectivity to a variety of automatic gassing systems. Kentron's anaerobic jars are compatible with gas mixing and automatic anaerobic systems.



A-BOX

The A-BOX, a square anaerobic jar

Specifically for the culture on micro-titerplates, the unique concept of the A-BOX allows users to culture with different microtiter plates in a square anaerobic jar.



The A-Box jar

Various models anaerobic jars

Code	Description	Inner dimension	Outer dimension	Petridish holder
		w x h	w x h	Options:
AJ-MK1	Anaerobic Jar AJ-MK1	124mm x 245mm	134mm x 331mm	PH-MK1, SST 1 x 12 ø 90-100mm
AJ-MK2	Anaerobic Jar AJ-MK2	124mm x 125,5mm	134mm x 211,5mm	PH-MK2, SST 1 x 6 ø 90-100mm
AJ-MK3	Anaerobic Jar AJ-MK3	172mm x 245mm	180mm x 331mm	PH-MK3, SST 1 x 12 ø 150mm
AJ-MK4	Anaerobic Jar AJ-MK4	230mm x 248,5mm	240mm x 333,5 mm	PH-MK4, SST 3 x 12 ø 90-100mm
A-BOX	A-Box Rectangle Anaerobic Jar (specifically made for cultures with micro-titerplates, other dimensions on request)	150mm x 115mm	170mm x 142mm	Including holder for microtiter plates

If you require an anaerobic jar with deviating dimensions, please contact us to discuss your applications.

Stainless steel petridish holders

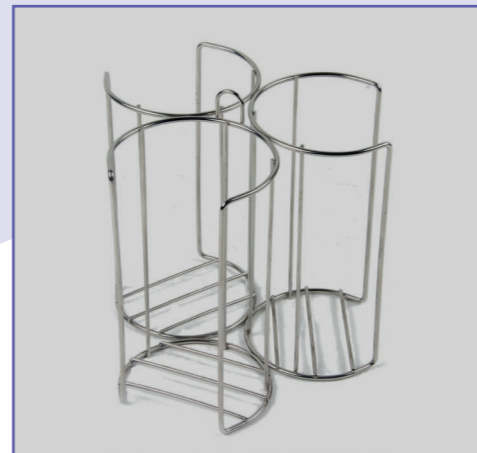
Every jar has its own unique stainless steel, plasma welded petridish holder with electric-polish finishing. They can be autoclaved, are easy in use and have no risk of contaminations. The PH-MK4 is a 3x12 petridish holder, a rack that can be used with a variety of CO₂- incubators.



PH-MK2



PH-MK1



PH-MK4



Regenerated palladium catalysts

With these catalysts made of Palladium, every jar is achieving oxygen free conditions, also during incubation. The last oxygen molecules are bound to the Palladium throughout the incubation. The catalysts can be regenerated for multiple use over years. This saves an enormous amount of money compared to one-day use catalysts!

Options Palladium Catalyst, regenerative

Code	Description	Number per set
KA0000	Catalysts, Palladium, regenerative, 4gr.	6
KA0001	Catalysts, Palladium, regenerative, 12gr.	2

Jar cleaner en disinfection products for anaerobic jars

HALAMID CLEANER is a cleaner and disinfecter for anaerobic jars made out of PMMA. It is available in 2,5 kg buckets. Halamid must be solved with water (0,5% = 1250 lt). HALAMID is approved for the use in the food/agro industry and hospitals and is registered in compliance with the Dutch Biocide law for the food industry and hospitals.

CAS-Nr. 7080-50-4
EG-Nr. 204-854-7
Attachment VI-Nr. 616-010-00-9
Registration number: REACH free
Registration in accordance with Biocides-Act.

