

STERILE CONTAINER SYSTEMS BIO-BARRIER MODEL



1/1 FULL SIZE



3/4 QUARTER SIZE



1/2 HALF SIZE



EXTRA LARGE SIZE



EXTRA LONG SIZE

Aygün Bio-Barrier model sterilization container systems are designed with mechanical valves both in bottom and lid which run in a way that they do not need any disposable filter use and can be used minimum 5000 cycles. The mechanical valve systems set on the lid or box run with atmospheric pressure occurring in the autoclave during sterilization. When the sterilization process starts, because of the occurring (plus) pressure, the valves open and let the steam penetration into the sterilization container. When the vacuum process starts at the end of the sterilization, because of the occurring (minus) pressure, the steam outlet valve opens and the steam exhausts from the box. When the sterilization process is completed, as there is no pressure (plus or minus) in autoclave, both valves are in closed position. By this way, it gains qualification to keep the products in it as sterilized. The valves are ensured to be closed %100 due to the special silicone gaskets on mechanical valve systems. Moreover, the mechanical valve system these sterilization containers is demountable by the user in order to control it when desired.

Aygün Bio-Barrier model sterilization container systems are manufactured as five different length, width and height and can be supplied with safety lids for effective external protection. These safety lids do not interfere with sterilization and they provides protection to the valve mechanism against liquids and dust as a second lid. All models and sizes have specific baskets and accessories which can be viewed in following parts. Modular auto lock mechanism (thermo lock) promising sterility assurance and indicator window providing visibility of the indicator card result by visual control without opening the lid are also available for this sterilization container model.

STERILE CONTAINER SYSTEMS



Bio-Barrier Model

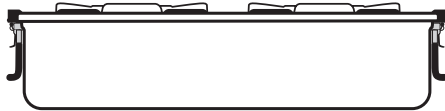
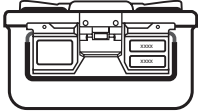
» *Extra Long Size*



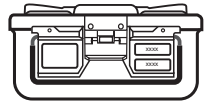












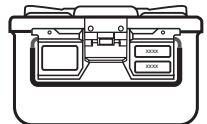












EXTRA LONG SIZE




W: 285 mm

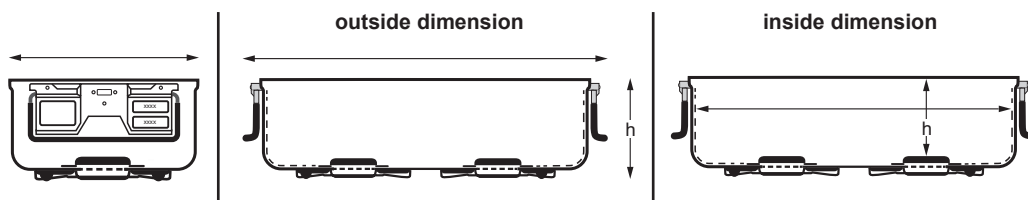
L: 725 mm



Specifications 	Lid (with barrier)	Lid (with barrier)
		
	Box (Non Perforated)	Box (with barrier)
	K7-2010 	K7-2040 
	K7-2011 	K7-2041 
	K7-2012 	K7-2042 
	K7-2013 	K7-2043 
	K7-2014 	K7-2044 
	K7-2015 	K7-2045 
	h:150 mm	h:160 mm
	K7-2016 	K7-2046 
	K7-2017 	K7-2047 
	K7-2018 	K7-2048 
	K7-2019 	K7-2049 
	K7-2020 	K7-2050 
	K7-2021 	K7-2051 
	h:215 mm	h:225 mm

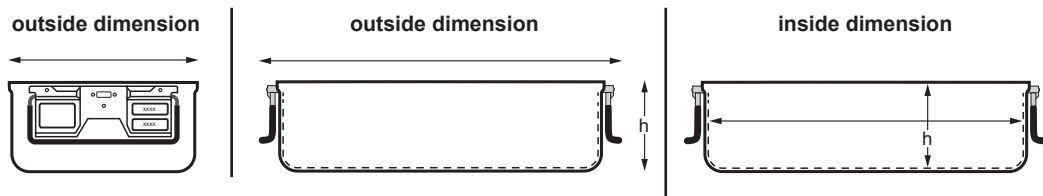
 Ps: All container measurements cover the outer size of the lids.

BOX (perforated)



code	outside dimension	inside dimension	weight
K7-2000	725 x 272 h:127 mm	687 x 258 h:87 mm	3184 g
K7-2001	725 x 272 h:192 mm	687 x 258 h:152 mm	3712 g

BOX (non perforated)



code	outside dimension	inside dimension	weight
K6-2005	725 x 272 h:127 mm	687 x 258 h:121 mm	2446 g
K6-2006	725 x 272 h:192 mm	687 x 258 h:186 mm	2974 g

PERFORATED LIDS



Dimension: 726 x 285 mm

code	color	weight
K7-2120		1937 g
K7-2121		
K7-2122		
K7-2123		
K7-2124		
K7-2125		

STANDARD MODEL

29

BIO-BARRIER MODEL

63

Polymer's PPSU Lids

97

WINDOW MODEL

119

B₃ Barrier MODEL

139

PLASMA MODEL

173

A1 MODEL

185

Dental, Mini, Special

205

BASKETS

223

Autolock Mechanism Emulating Indicator

243

ACCESSORIES

251

BASKET MADE FROM STAINLESS STEEL WIRE MESH

WIRE BASKET



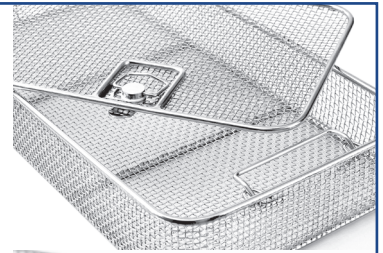
code	outside dimension
K2-1801	665 x 250 h:50 mm
K2-1802	665 x 250 h:70 mm
K2-1803	665 x 250 h:100 mm



WIRE BASKET WITH LID



code	outside dimension
K3-1804	665 x 250 h:55 mm
K3-1805	665 x 250 h:75 mm
K3-1806	665 x 250 h:105 mm
K3-1807	ONLY LID, for baskets



IDENTIFICATION (aluminium)

LABEL HOLDER



code	color
K2-560	Red
K2-561	Blue
K2-562	Green
K2-563	Yellow
K2-564	Grey
K2-565	Black

LABELS



code	color
K2-570	Red
K2-571	Blue
K2-572	Green
K2-573	Yellow
K2-574	Grey
K2-575	Black

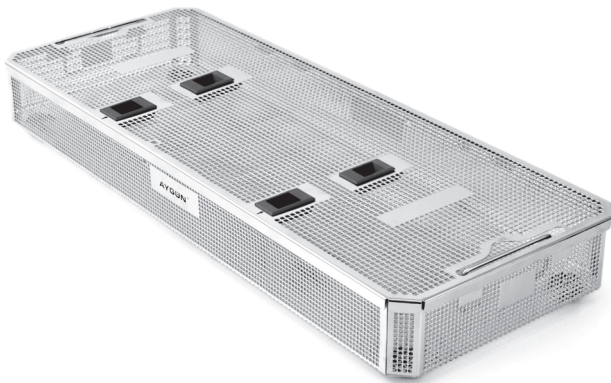
Coloured identification labels
Engraved to your specification



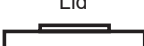


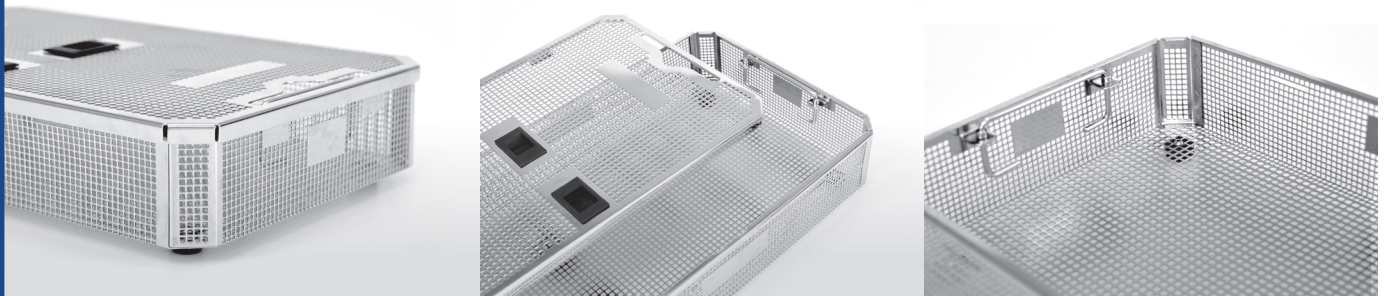
➤ Grey coloured recommended for use in Sterrad.
Color fading By effect of Hydrogen Peroxide Gas Plasma on other colors.

BASKET MADE FROM STAINLESS STEEL SHEET

BASKET (with stand)

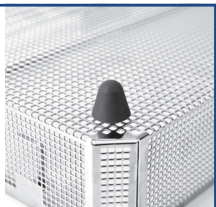


	code	outside dimension
Box and Lid 	K3-715	671 x 259 h:44 mm
	K3-716	671 x 259 h:64 mm
	K3-717	671 x 259 h:84 mm
	K3-718	671 x 259 h:114 mm
Box 	K3-711	665 x 253 h:40 mm
	K3-712	665 x 253 h:60 mm
	K3-713	665 x 253 h:80 mm
	K3-714	665 x 253 h:110 mm
Lid 	K3-710	ONLY LID, for baskets



➤ The baskets which are without lid and less than 44 mm in height do not include the handles while the ones with lid include the handles.

STAND



code	height
K3-767	20 mm

STAND



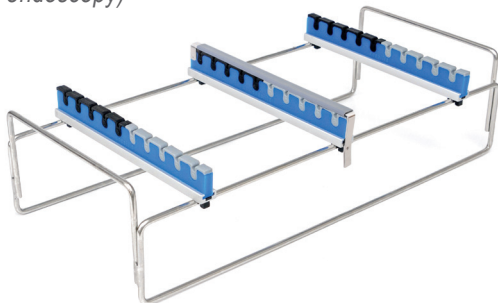
code	height
K3-768	10 mm

STAND



code	height
K3-766	5 mm

RACK (for endoscopy)



K3-1093
550 x 250 x 130 mm

- Holds 10 endoscopic instruments
- Fits into a Extra Long size 18 cm deep container
- Wire basket Extra Long 50 mm
- Container Extra Long 180 mm
- Silicone mat 340x230 (2pcs)

RACK (for kerrison)



K3-1094
220 x 250 x 160 mm

- Holds 10 kerrison punches
- Fits into a 1/2, 1/1 20 cm and Extra Long size 18 cm deep container
- Wire basket 1/2 50 mm
- Wire basket 1/1 50 mm
- Container 1/2 200 mm
- Container 1/1 200 mm
- Wire basket Extra long 50 mm
- Container Extra long 180 mm

STANDARD MODEL
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BIO-BARRIER MODEL
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Polymer's PPSU Lids
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WINDOW MODEL
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B₃ Barrier MODEL
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PLASMA MODEL
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A1 MODEL
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Dental, Mini, Special
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BASKETS
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Autolock Mechanism Emulating Indicator
243

ACCESSORIES
251

DIVIDERS



K2-428
540 x 250 x 130 mm
K2-429
540 x 250 x 180 mm

WIRE BASE



K2-440
545 x 255 x 30 mm

DIVIDERS



K2-425
540 x 250 x 130 mm
K2-426
540 x 250 x 180 mm

ALUMINIUM BASKET (with lid)



K3-1119
245 x 130 x 55 mm

ALUMINIUM BASKET (with lid)



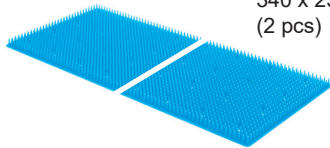
K3-1120
245 x 130 x 70 mm

ALUMINIUM BASKET (with lid)



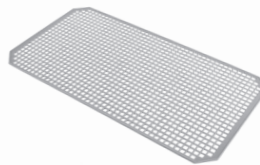
K3-1121
245 x 130 x 105 mm

SILICONE MAT



K2-522
340 x 230 mm
(2 pcs)







SILICONE MESH MAT



K2-536
658 x 247 mm







SILICONE HANDLE



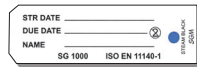
K2-710 
K2-711 
K2-712 
K2-713 
K2-714 
K2-715 

IDENTIFICATION LABELS (aluminium)



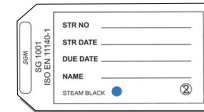
K2-700 
K2-701 
K2-702 
K2-703 
K2-704 
K2-705 

LABELS (paper)



K2-673
100 pcs. With indicator.
For small size and special containers

LABELS (paper)



K2-672
100 pcs. With indicator.
For full and Half size containers

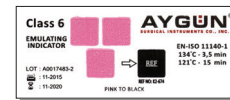
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AUTO LOCK MECHANISM



K1-900
(2 Pcs)

EMULATING INDICATOR CARD (class 6)



K2-674
Paper 250 Pcs.



SECURITY SEAL (blue)
K2-663
100 pcs. with indicator.
made of plastic



SECURITY SEAL (blue)
K2-664
100 pcs. made of plastic



SECURITY SEAL (blue)
K2-661
100 pcs. with number.
made of plastic



SECURITY SEAL (red)
K2-662
100 pcs. with indicator.
made of plastic



SECURITY SEAL (red)
K2-660
100 pcs. made of plastic



SECURITY SEAL (red)
K2-665
100 pcs. with number.
made of plastic



DISPOSAL STAMP
K2-717
40 x 35 x 9 mm
Requested number or letter must be informed during the order.



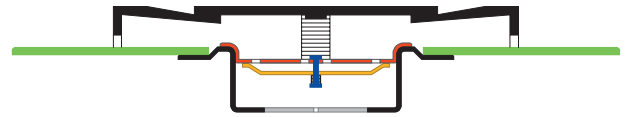
LABEL HOLDER
K2-716
50 x 35 x 13 mm
Holder for identification labels

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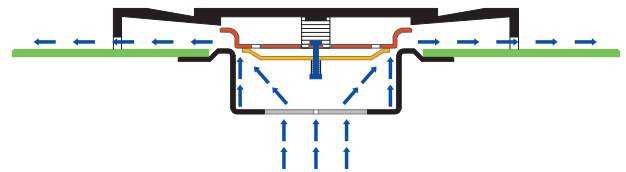


The Barrier Model is a mechanical filtering systems. The valves of Barrier Model Systems have three different positions during sterilization cycles such as relax position, before sterilization and after sterilization position. It can be used at least 5000 sterilization cycle.

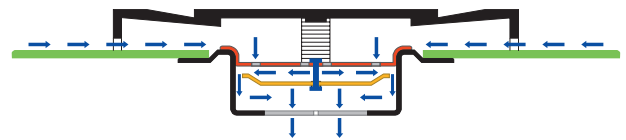
1 Before sterilization cycle the valves of the Barrier Model Container are closed and in relax position.



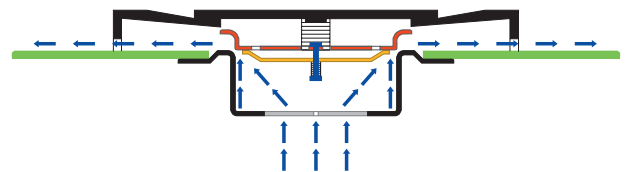
2 At the beginning of the sterilization cycle, by the effect of vacuum the valves are opened completely and dry air goes out of the container.



3 During the sterilization cycle the valves are opened with effect of pressure in the reverse way totally opposite of the way moved by the effect of vacuum.



4 At the end of the sterilization cycle the autoclave (sterilizer) equates the pressure level and the valves opened the way by effect of vacuum.



5 After sterilization cycle the valves of the Barrier Model Container are closed and in relax position.

