STR NO
STR DATE
DUE DATE
NAME
STEAM BLACK

Laminectomy

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.
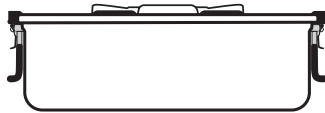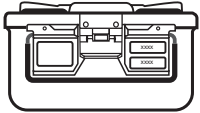
AYGÜN®

SURGICAL INSTRUMENTS CO., INC.

STERILE CONTAINER SYSTEMS

Bio-Barrier Model
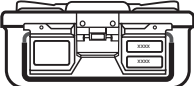
» *3/4 Quarter Size*

3/4 BIO-BARRIER MODEL

W: 285 mm

L: 475 mm

Specificiations ➡	Lid (with barrier)		Lid (with barrier)		Safety Lid Lid (with barrier)		Safety Lid Lid (with barrier)	
	Box (Non Perforated)		Box (with barrier)		Box (Non Perforated)		Box (with barrier)	
	K7-240		K7-260		K7-350		K7-370	
	K7-241		K7-261		K7-351		K7-371	
	K7-242	h:120 mm	K7-262	h:130 mm	K7-352	h:130 mm	K7-372	h:140 mm
	K7-243		K7-263		K7-353		K7-373	
	K7-244		K7-264		K7-354		K7-374	
	K7-245		K7-265		K7-355		K7-375	
	K7-246		K7-266		K7-356		K7-376	
	K7-247		K7-267		K7-357		K7-377	
	K7-248	h:140 mm	K7-268	h:150 mm	K7-358	h:150 mm	K7-378	h:160 mm
	K7-249		K7-269		K7-359		K7-379	
	K7-250		K7-270		K7-360		K7-380	
	K7-251		K7-271		K7-361		K7-381	
	K7-252		K7-272		K7-362		K7-382	
	K7-253		K7-273		K7-363		K7-383	
	K7-254	h:165 mm	K7-274	h:175 mm	K7-364	h:175 mm	K7-384	h:185 mm
	K7-255		K7-275		K7-365		K7-385	
	K7-256		K7-276		K7-366		K7-386	
	K7-257		K7-277		K7-367		K7-387	

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

BOX *(with barrier)*

outside dimension	outside dimension	inside dimension
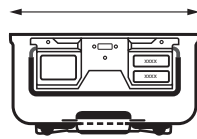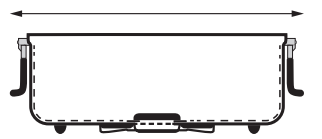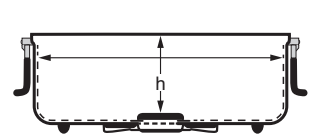
code	outside dimension	inside dimension	weight
K7-300	475 x 272 h:100 mm	422 x 258 h:60 mm	2024 g
K7-301	475 x 272 h:116 mm	422 x 258 h:76 mm	2129 g
K7-302	475 x 272 h:138 mm	422 x 258 h:98 mm	2257 g
K7-303	475 x 272 h:185 mm	422 x 258 h:145 mm	2532 g

BOX *(non perforated)*

outside dimension	outside dimension	inside dimension
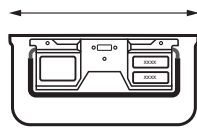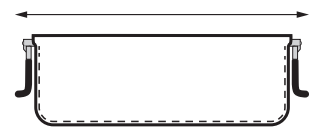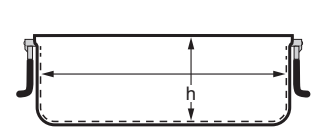
code	outside dimension	inside dimension	weight
K6-305	475 x 272 h:100 mm	422 x 258 h:94 mm	1609 g
K6-306	475 x 272 h:116 mm	422 x 258 h:110 mm	1714 g
K6-307	475 x 272 h:138 mm	422 x 258 h:132 mm	1842 g
K6-308	475 x 272 h:185 mm	422 x 258 h:179 mm	2117 g

LID-BARRIER SYSTEM

Dimension: 477 x 285 mm

code	color	weight
K7-340	⬜	
K7-341	🟨	
K7-342	🟩	1212 g
K7-343	🟦	
K7-344	🟥	
K7-345	⬛	

SAFETY LIDS

Dimension: 483 x 290 mm

code	color	weight
K7-406	⬜	
K7-407	🟨	
K7-408	🟩	998 g
K7-409	🟦	
K7-410	🟥	
K7-411	⬛	

STANDARD MODEL — 29
BIO-BARRIER MODEL — 63
Polymers PPSU Lids — 97
WINDOW MODEL — 119
B³barrier MODEL — 139
PLASMA MODEL — 173
A1 MODEL — 185
Dental, Mini, Special — 205
BASKETS — 223
Autolock Machanism Emulating Indicator — 243
ACCESSORIES — 251

BASKET MADE FROM STAINLESS STEEL WIRE MESH

WIRE BASKET
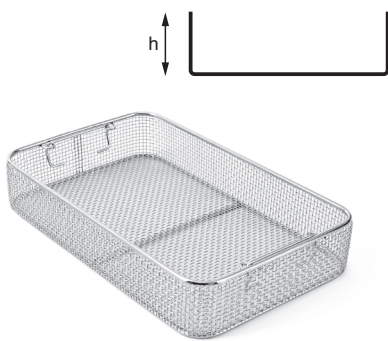
code	outside dimension
K2-1500	405 x 245 x h:30 mm
K2-1501	405 x 245 x h:50 mm
K2-1502	405 x 245 x h:70 mm
K2-1503	405 x 245 x h:100 mm

WIRE BASKET WITH LID
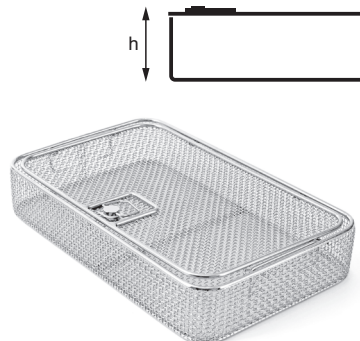
code	outside dimension
K3-1030	405 x 245 h:35 mm
K3-1031	405 x 245 h:55 mm
K3-1032	405 x 245 h:75 mm
K3-1033	405 x 245 h:105 mm
K3-1034	ONLY LID, for baskets

WIRE BASKET WITH PERFORATED METAL PLATE

WIRE BASKET

code	outside dimension
K2-1501 P	405 x 246 x h:50 mm
K2-1502 P	405 x 246 x h:70 mm
K2-1503 P	405 x 246 x h:100 mm
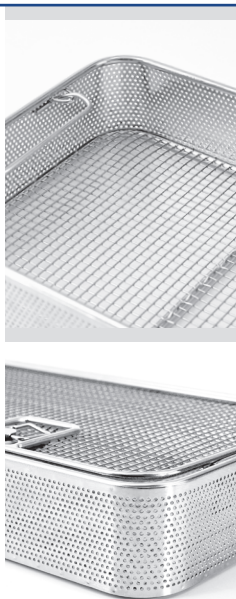
WIRE BASKET WITH LID

code	outside dimension
K3-1031 P	405 x 246 x h:55 mm
K3-1032 P	405 x 246 x h:75 mm
K3-1033 P	405 x 246 x h:105 mm
K3-1034 P	ONLY LID, for baskets

STANDARD MODEL — 29
BIO-BARRIER MODEL — 63
Polymers PPSU Lids — 97
WINDOW MODEL — 119
B³ Barrier MODEL — 139
PLASMA MODEL — 173
A1 MODEL — 185
Dental, Mini, Special — 205
BASKETS — 223
Autolock Machanism Emulating Indicator — 243
ACCESSORIES — 251

BASKET MADE FROM STAINLESS STEEL SHEET

BASKET *(with stand)*

	code	outside dimension
Box and Lid	**K3-728**	411 x 259 h:44 mm
	K3-729	411 x 259 h:64 mm
	K3-730	411 x 259 h:84 mm
	K3-731	411 x 259 h:114 mm
Box	**K3-748**	405 x 253 h:40 mm
	K3-749	405 x 253 h:60 mm
	K3-750	405 x 253 h:80 mm
	K3-751	405 x 253 h:110 mm
Lid	**K3-762**	ONLY LID, for baskets
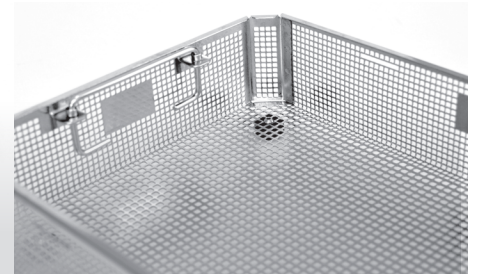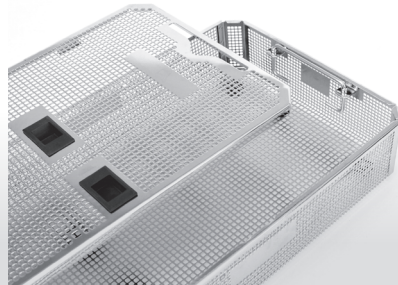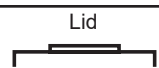
The baskets which are without lid and less than 44 mm in height do not include the handles while the ones with lid include the handles.

STAND

code	height
K3-767	20 mm

STAND

code	height
K3-768	10 mm

STAND
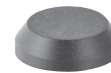
code	height
K3-766	5 mm

IDENTIFICATION *(aluminium)*

LABEL HOLDER

| code	color
K2-560	
K2-561	
K2-562	
K2-563	
K2-564	
K2-565	

LABELS

code	color
K2-570	
K2-571	
K2-572	
K2-573	
K2-574	
K2-575	

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.
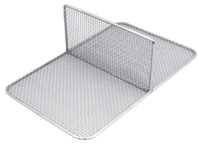
DIVIDERS

K2-1540
405 x 250 x 80 mm
K2-1541
405 x 250 x 110 mm
K2-1542
405 x 250 x 130 mm

WIRE BASE

K2-1522
405 x 255 x 30 mm

DIVIDERS
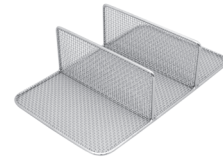
K2-1530
405 x 250 x 80 mm
K2-1531
405 x 250 x 110 mm
K2-1532
405 x 250 x 130 mm

(-)

DRAPE RETAINER
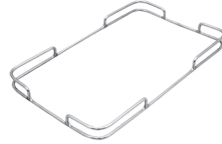
K2-1521
405 x 255 x 30 mm

DRAPE RETAINER

K2-1520
405 x 255 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
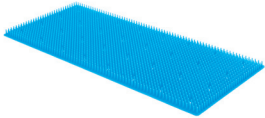
K2-524
380 x 230 mm
K2-525
440 x 230 mm

SILICONE MESH MAT

K2-534
395 x 245 mm

SILICONE HANDLE

K2-710	red
K2-711	yellow
K2-712	green
K2-713	blue
K2-714	grey
K2-715	black

IDENTIFICATION LABELS (aluminium)

Thoracotomy
Basic Set
Thoracotomy
Thoracotomy
Basic Set

K2-700	red
K2-701	blue
K2-702	green
K2-703	yellow
K2-704	grey
K2-705	black

LABELS (paper)

K2-673
100 pcs. With indicator.

For small size and
special containers

STR DATE
DUE DATE
NAME
SG 1000   ISO EN 11140-1

LABELS (paper)
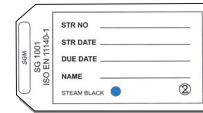
K2-672
100 pcs. With indicator.

For full and
Half size containers

STR NO
STR DATE
DUE DATE
NAME
SG 1001
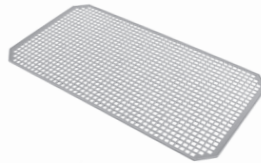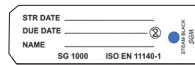ISO EN 11140-1
STEAM BLACK

(-)

AUTO LOCK MECHANISM

Laminectomy

K1-900
(2 Pcs)

EMULATING INDICATOR CARD (class 6)

Class 6
EMULATING INDICATOR
LOT : A0017483-2
11-2015
11-2020
EN-ISO 11140-1
134°C - 3,5 min
121°C - 15 min
PINK TO BLACK
AYGUN
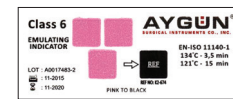
K2-674
Paper 250 Pcs.

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.

12 B

LABEL HOLDER

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

(-)

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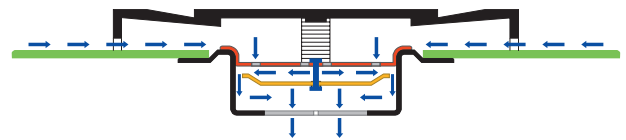
1 Before sterilization cycle the valves of the Barrier Model Container are closed and in relax position.
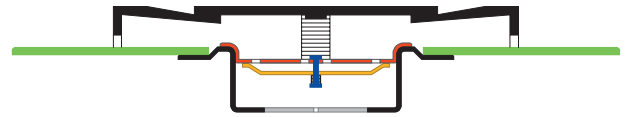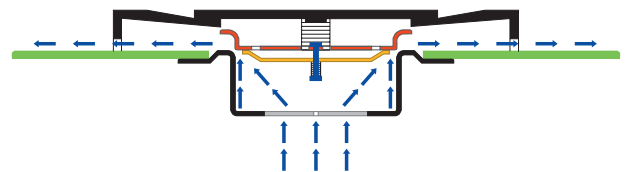

2 At the beggining of the sterilization cycle, by the effect of vacuum the valves are opened completely and dry air goes out of the container.
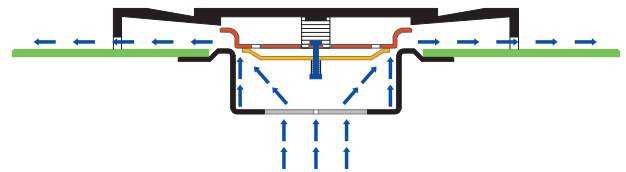
3 During the sterilization cycle the valves are opened with effect of pressure in the reverse way totally opposite of the way moved by the effect of vacuum.

4 At the end of the sterilization cycle the autoclave (sterilizator) 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.