

### PERFECTION

AT EVERY POINT







CATALOGUE 2 0 2 2

### **STERILIZATION** CONTAINER

AYGUN®



" Meeting point for surgery..."

Aygün has the right to modify and develop the products declared in this catalogue and its production program.

The weight and dimensional information given in our catalog are approximate values.

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### **OUR HISTORY**

AYGÜN, one of the leading establishments of Turkey in the field of Medical Industry, was founded in 1988. It manufactures Container Systems for sterilization, Surgical Motor Systems, Medical Illumination Systems and Single Use Medical Systems in its facility at Samsun Central Organized Industrial Zone.

AYGÜN meets the needs of significant part of Turkey as a result of its continuous R&D works and the capacity increasing. It manufactures its products in international standards and put them to the world market with a high competitive power. Moreover with its integrated quality management system, it proves that it is a specialized establishment.

Besides being a manufacturer, AYGÜN is also a designer company and with its continuous product development works it increases number of its patents, on the other hand, is contributing career development of rising generation by acting as a school.





### STERILIZATION CONTAINER SYSTEMS

All Aygün sterilization container systems are designed for perfect steam penetration, traceability, safety and grip and ensure up and down movement of the lids under steam pressure during the sterilization. We service our bottoms and lids made of 2 mm high quality special alloy aluminum raw material to the whole world with 8 basic color options.



### **SURGICAL MOTOR** SYSTEMS

The expertise of AYGÜN in surgical motor systems gathered up many designs and systems that have special structures servicing from neuro and spinal surgery to many fields like cardiovascular, orthopedic, plastic, hand & foot and maxillofacial surgery. The quality, power and ergonomic design of the new generation of high-tech battery powered surgical motor systems once again demonstrates AYGÜN's expertise in the medical field.

### SURGICAL ILLUMINATION **SYSTEMS**

Aygün is furthering a number of R&D projects simultaneously thanks to its advanced R&D infrastructure, team of engineers and technical personnel specialized in their field. Thus, the

### **DISPOSABLE MEDICAL** PRODUCTS

AYGÜN continues expanding its product range by adding other single use medical products to the completely silicone medical drainage systems needed by surgery. With its ISO 7 clean room operation solutions one step further, AYGÜN offers professional service to its valued customers in disposable medical items as well.

### **CONTAINER MODELS**

STANDARD PLUS STANDARD MODEL BIO-BARRIER MODEL PPSU MODEL WINDOW MODEL B3 MODEL

PLASMA MODEL A1 MODEL

SAFE MODEL

### SURGICAL MOTOR SYSTEM MODELS

SCOREN

KARINCA 206

KARINCA 208

DERMATOME BES DERMATOME ST-5

SKIN GRAFT MESHER

PRAXIS 3

PRAXIS 3B

STERNAL SAW 3B

HSM MICRO SYSTEM

HSM 2 NEURO & SPINE SYSTEM

MINI BONE 40.000 RPM

MINI BONE MONOBLOCK ARTHROSCOPY SHAVER

MINI SURGICAL MOTOR

MINI COMPACT

NEURO AIR POWER

STANDARD MACRO

**EPS MOTOR SYSTEM** 

MACRO COMPACT MOBIL STATOR

### **ILLUMINATION SYSTEMS FEATURES**

I-LIGHT LD SPECIFICATIONS

SUPERIOR OPTICAL PERFORMANCE

LIGHT BEAMS CONFIGURATION TO PROVIDE SHADOWLESSZILLUMI-

ALMOST PERFECT COLOR RENDITION (TYP. 95)

TFT TOUCH SCREEN FOR LIGHTING CONTROL

ADJUSTABLE BEAM SIZES TO USER PREFERENCES

SUITABLE FOR USE WITH LAMINAR FLOW FUNCTIONAL CEILINGS

EASY TO CLEAN

MINIMUM ENERGY CONSUMPTION

60.000 HOURS LED LIFE

INDIRECT ENDO LIGHT FOR ENDOSCOPIC OPERATIONS

### DISPOSABLE PRODUCTS MODELS

REUSABLE LARYNGEAL MASK

SILICONE PENROSE DRAIN TUBE

SPIRAL IN TUBES

SILICONE NUTRITION TUBE

SILICONE ROUND DRAIN

SILICONE FLAT-SOFT DRAIN

SILICONE FLAT DRAIN

INTUBATION TUBE PVC LARYNGEAL MASK

SILICONE PENROSE DRAIN

SILICONE THORAX DRAIN

TRACHEOSTOMY TUBE

INTUBATION TUBE

VAC SILICONE DRAIN

OXYGEN MASK

for more

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### AYGUN®

### **WE** GROWING TOGETHER

Aygün has an actively growing position in the sector through using a high technology and

innovative institutional structure.





### **OUR** VISION

The vision of AYGÜN is to grow in health sector according to the developing technology and sectoral innovations and serve humanity by producing new project and products appropriate to these innovations.

### **OUR** MISSION

AYGÜN builds projects that can contribute to human health all over the world and integrates these projects to its production area and products in the light of technological developments. It constantly stays active with its innovative and explorer soul and remains taking part among the leader companies ruling the sector.

### **QUALITY** MANAGEMENT SYSTEM

- ISO 9001:2015
- ISO 14001:2015
- ISO 45001: 2018

- ISO 13485:2016
- 93/42/EEC
- FDA 510 (K)

ISO 9001:2015 DERTIFIED ISO 13485:2016 CERTIFIED













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### **PRO**DUCTION

Sense of high-grade quality in each process from raw material supply to the shipment is combined with integrated quality management system according to the standards. A big stuff gathered under the same roof and adopted importance of teamwork carry all stages above the dreams and makes what is desired real.

### **TECHNICAL** INFRASTRUCTURE

CNC Machines
Hydraulic and Eccentric Presses
Hot Presses
Conventional CNC Machines
Mold Design and Molding Technology
3D Modelling Technology
Thermoforming
Cutting Machines

Electronic Design and Manufacturing Engineering
Software Technology
Fine Mechanic Techniques
Hardening
Laser Technology
Silicone Extrusion Technology
Clean Room – ISO 7
Chemical Coating and Anodizing Technology







### COMBINATION OF PRECIOUS HIGH TECHNOLOGY PRODUCTION MACHINES AND PERFECT CRAFTSMANSHIP,

New product development desire and need began in minds becomes sharable and interpretable with 3D printers and technical drawings. After setting the models and testing the prototypes, the production process starts for the approved designs. The production starts with combination of high technology production machines and perfect craftsmanship.

### RESEARCH, DEVOLOPMENT, QUALITY

AYGÜN increases its power with its endless R&D works. It makes all needed investments so as to research and develop even the smallest part of the complicated products manufactured and carries out successful projects with its professional engineer team. It both develops the existing products with today's technology and performs serious works on new product designs.

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### STERILE CONTAINER SYSTEMS

Aygün manufactures sterilization container systems in medical industry since 1988 and releases the quality that takes human health under best protection. Aygün sterilization container systems are made of special alloy - 2mm high quality raw material and serviced to the whole world as 8 different models and colors coding easy distinctiveness. The single block label holders on both sides of the containers also serve for that purpose while carrying handles having 90° mobility and ergonomic design provide easy and secure carrying facilities and the gasket inside the lid ensures perfect tightness.

Besides providing a greener alternative to wrapping method, Aygün sterilization container systems also generate a great return on investment. Aygün meets needs of the market and preferred by many users all over the world because of its high quality, reasonable prices and variety of products that appeal to every user.



### **WHY**STERILE CONTAINER SYSTEMS

As you know, there are two general methods for the sterilization and protection of surgical instruments: single-use wrap and reusable sterilization container systems.

The main differences between these methods are efficiency and return on investment.

**Return on Investment**: The single-use wraps seem more economical at first view. They are single-use and disposable. However, these medical wastes are 5-10% of the total medical waste streams of hospitals. Furthermore, single-use wraps can tear during the sterilization process because of any reason. In this case, sterilization is performed again and this may cause many delays. The aluminum sterilization containers can be considered as non-economic at first view but the lifetime of them is more than 5 years. When the lifetime is based on, the total cost reduces approximately at a rate of 70-80% more when compared with the cost of single-use wraps and that's why they are more economical choice.

**Environmental Awareness**: The sterilization containers has a big role for the care that we need to take for our life space which is polluted more day by day. The sterilization containers do not cause any kind of medical waste streams and protect the environment.

**Efficiency**: You do not face with any tearing and containerization is a more effective method for the sterilization. In terms of following and detecting the sterilization period and result, It increases the efficiency with accessories like automatic lock, indicator window and security seal.

**Reliability**: They protect the surgical instruments in the maximum level with the help of their hard and sheltered structure.

**Ease of Identification**: Reaching the information of instruments inside the sterilization container is easier due to the face plate that sterilization containers have in both sides. Moreover, they provide ease of identification with the help of different lid color options creating color coding.

**Safe Handling**: They enable more proper, easier and safer transportation with their ergonomic design and handles.







### Standard Heights









110 mm

135 mm

150 mm

200 mm

260 mm

### Standard Dimensions



### **TYPES**

### **AND**

### **DIMENSIONS**

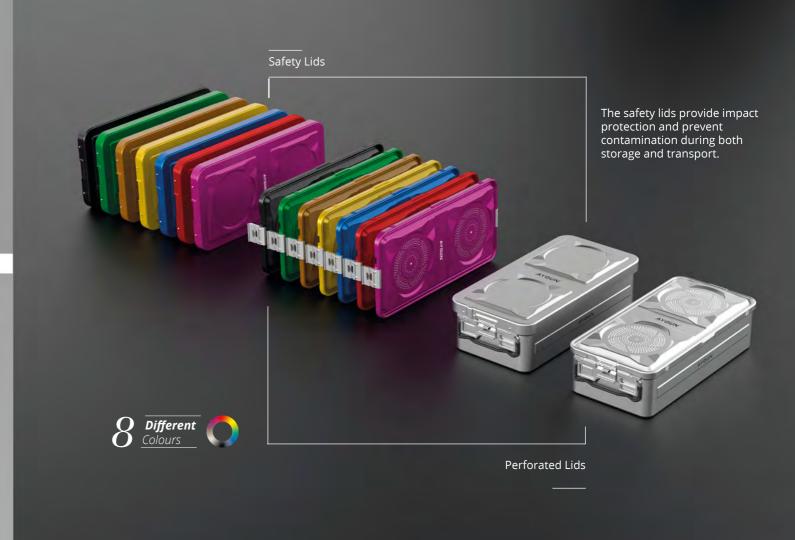
Aygün sterilization container systems, with most general point of view, are separated into 5 different dimension groups as ½, ¾, 1/1, Extra Large and Extra Long models. Additionally, we can supply smaller models like Dental and Mini Sterilization Containers



### LID & BASE SPECS In Sterilization Containers







### Perforated and Non-Perforated Container Options



### SUITABILITY OF OUR STERILE CONTAINERS FOR STEAM STERILIZATION PROCEDURES 1) as per DIN 58953 part 9

### xplanation of symbols:

- + applicable
- not applicable
- limited application
- 1) In order to avoid mistakes with regards to service, operation and/or when loading the sterilizer, please refer to table 1 for correct or wrong combination of sterilization containers for standardized steam sterilization procedures.
- 2) Only sterilization containers guaranteeing evaporation or discharge of condensate are suitable above.
- 3) Gravitation procedures having no drying device do not guarantee a sufficient after-drying effect.

### What We Offer?

### Solution

Product range for sterile instrument processing of Aygün offers sterilization, transportation and storage solution with different filtering systems for all hospital and clinic instrument sets used in surgery rooms. By providing many different sizes and complementary accessories Aygün provides a universal solution for sterile supply of CSSDs.



feel the perfection at every point

**AYGUN**®

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STERILE CONTAINER
SYSTEMS



The Standard + containers are the latest product model of the container systems range, with the improved design details presented to the market by Aygün. This model, which is produced with stable and robust boxes and covers, is also offered to customers with a total of 8 different color coding options, with 2 new colors added. This container model can be used with both a disposable paper filter and 2000 cycle PTFE Teflon filter. The model, which supports all additional features such as modular auto lock supported by previous models, is available in 5 different sizes. The carrying handles have a 90°mobility capability, but can also be ordered with 8 different colors of silicone coating.

The locking mechanism made of aluminum has a spring system and can offer more flexibility and grip performance. Boxes and covers are produced with 2 mm thick special alloy aluminum. The boxes can be ordered with or without perforation. The safety lids which are second cover for effective external protection, are also available for 3 main sizes.

**Box Types** 



Box (Perforated)



Box (Non Perforated

### **Standard Heights**











110 mm

135 mm

150 mm

200 mm

260 mm

### AYGUN<sup>®</sup>



### **Dimensions**









1/2 Half Size

3/4 Quarter Size

1/1 Full Size

Extra Large Size

Extra Long Size

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STERILE CONTAINER SYSTEMS

1/1 Full Size

### **Box Types**



Box (Perforated)



Box (Non Perforated)





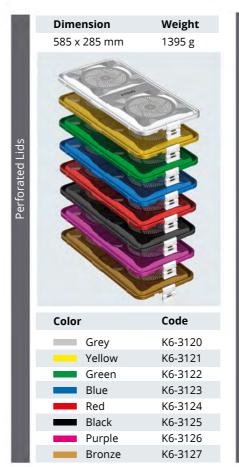
Code	Outside Dimension	Inside Dimension	Weight
K6-105	600 x 272 x 96 mm	543 x 258 x 90 mm	1945 g
K6-106	600 x 272 h:116 mm	543 x 258 x 110 mm	2100 g
K6-107	600 x 272 h:138 mm	543 x 258 x 132 mm	2255 g
K6-108	600 x 272 h:190 mm	543 x 258 x 184 mm	2655 g
K6-109	600 x 272 h:235 mm	543 x 258 x 229 mm	3100 g

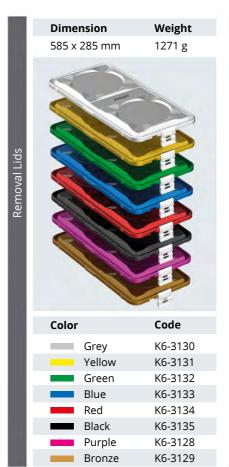




Code	Outside Dimension	Inside Dimension	Weight
K6-100	600 x 272 x 96 mm	543 x 258 x 78 mm	2200 g
K6-101	600 x 272 h:116 mm	543 x 258 x 99 mm	2360 g
K6-102	600 x 272 h:138 mm	543 x 258 x 121 mm	2520 g
K6-103	600 x 272 h:190 mm	543 x 258 x 173 mm	2975 g
K6-104	600 x 272 h:235 mm	543 x 258 x 218 mm	3355 g









STERILE CONTAINER SYSTEMS

3/4 Quarter Size

### **Box Types**



Box (Perforated)



Box (Non Perforated)





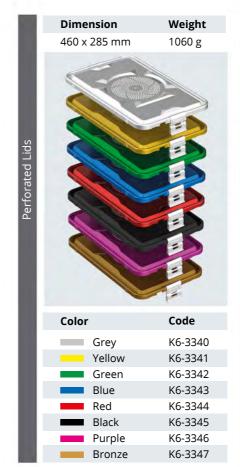
Code	Outside Dimension	Inside Dimension	Weight
K6-305	475 x 272 x 96 mm	422 x 258 x 90 mm	1670 g
K6-306	475 x 272 x 116 mm	422 x 258 x 110 mm	1760 g
K6-307	475 x 272 x 138 mm	422 x 258 x 132 mm	1895 g
K6-308	475 x 272 x 185 mm	422 x 258 x 179 mm	2350 g

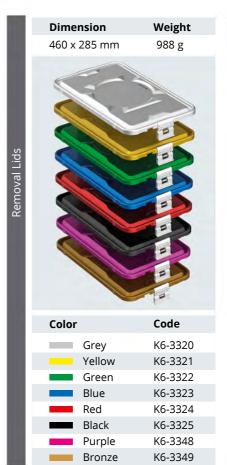




Code	Outside Dimension	Inside Dimension	Weight
K6-300	475 x 272 x 96 mm	422 x 258 x 78 mm	1795 g
K6-301	475 x 272 x 116 mm	422 x 258 x 99 mm	1885 g
K6-302	475 x 272 x 138 mm	422 x 258 x 121 mm	2020 g
K6-303	475 x 272 x 185 mm	422 x 258 x 168 mm	2475 g









STERILE CONTAINER SYSTEMS

1/2 Half Size

### **Box Types**



Box (Perforated)



Box (Non Perforated)





Code	Outside Dimension	Inside Dimension	Weight
K6-605	310 x 272 x 96 mm	253 x 258 x 90 mm	1285 g
K6-606	310 x 272 x 116 mm	253 x 258 x 110 mm	1345 g
K6-607	310 x 272 x 138 mm	253 x 258 x 132 mm	1455 g
K6-608	310 x 272 x 185 mm	253 x 258 x 179 mm	1705 g
K6-609	310 x 272 x 235 mm	253 x 258 x 229 mm	1955 g





Code	Outside Dimension	Inside Dimension	Weight
K6-600	310 x 272 x 96 mm	253 x 258 x 78 mm	1400 g
K6-601	310 x 272 x 116 mm	253 x 258 x 99 mm	1460 g
K6-602	310 x 272 x 138 mm	253 x 258 x 121 mm	1570 g
K6-603	310 x 272 x 185 mm	253 x 258 x 167 mm	1820 g
K6-604	310 x 272 x 235 mm	253 x 258 x 218 mm	2070 g









STERILE CONTAINER SYSTEMS

Extra Large Size

### **Box Types**



Box (Perforated)



Box (Non Perforated)





Code	Outside Dimension	Inside Dimension	Weight
K6-402	600 x 365 x 105 mm	543 x 350 x 99 mm	2365 g
K6-403	600 x 365 x 167 mm	543 x 350 x 161 mm	2890 g





Code	Outside Dimension	Inside Dimension	Weight
K6-400	600 x 365x 105 mm	543 x 350 x 88 mm	2620 g
K6-401	600 x 365x 167 mm	543 x 350 x 150 mm	3145 g







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STERILE CONTAINER SYSTEMS

Extra Long Size

### **Box Types**



Box (Perforated)



Box (Non Perforated)







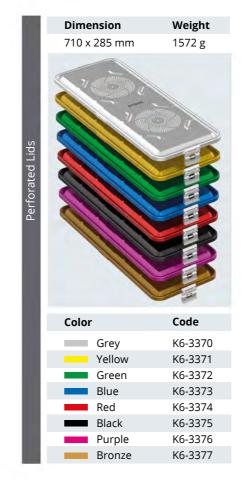


Code	Outside Dimension	Inside Dimension	Weight
K6-2005	725 x 275 x 127 mm	670 x 260 x 121 mm	2446 g
K6-2007	725 x 275 x 134 mm	670 x 260 x 128 mm	2503 g
K6-2006	725 x 275 x 191 mm	670 x 260 x 185 mm	2974 g





Code	Outside Dimension	Inside Dimension	Weight
K6-2000	725 x 275 x 127 mm	670 x 260 x 110 mm	2700 g
K6-2002	725 x 275 x 134 mm	670 x 260 x 117 mm	2792 g
K6-2001	725 x 275 x 191 mm	670 x 260 x 173 mm	3230 g





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STERILE CONTAINER SYSTEMS



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 (+) 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 (-) pressure, the steam outlet valve opens and the steam exhausts from the box. When the sterilization process is completed, as there is no pressure (+ or -) 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 lengths, width and height and can be supplied with safety lids for effective external protection. These safety lids do not interfere with sterilization and they provide 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 (thermolock) 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.

**Box Types** 



Box (With Barrier)



Box (Non Perforated)



### **Standard Heights**



110 mm

135 mm

150 mm

200 mm

260 mm

### **Dimensions**



1/2 Half Size

3/4 Quarter Size

1/1 Full Size

Extra Large Size

Extra Long Size

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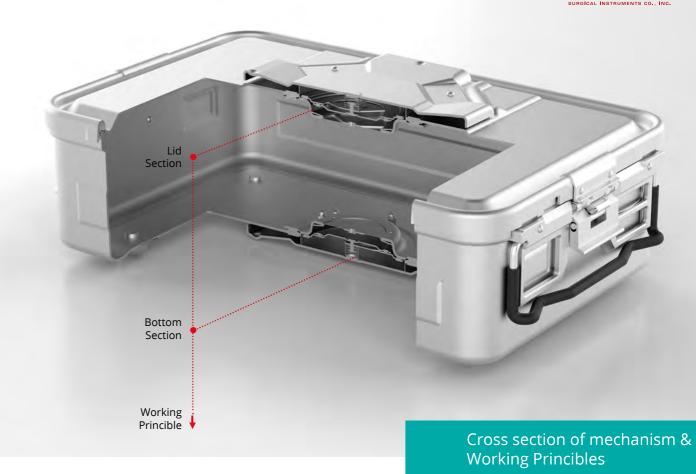
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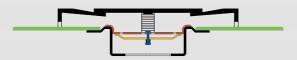


### Barrier Mechanism Parts

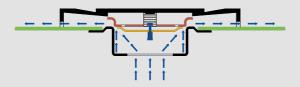
Barrier model containers are composed of a "mechanical filtering system". The valves inside this filtering system have three different positions during the sterilization cycle which are called relax position, pre-sterilization and post-sterilization. It can be used at least 5000 cycles.



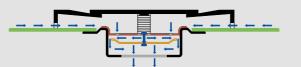




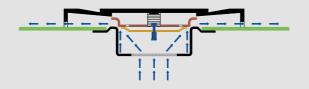
Before sterilization cycle the valves of the Barrier Model Container are closed and in relax position.



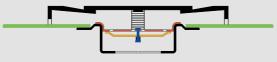
At the beginning of the sterilization cycle, by the effect of vacuum the valves are opened completely and dry air goes out of the container.



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.



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



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

STERILE CONTAINER SYSTEMS

1/1 Full Size

### **Box Types**



Box (With Barrier)



Box (Non Perforated)





Code	Outside Dimension	Inside Dimension	Weight
K6-105	600 x 272 x 96 mm	543 x 258 x 90 mm	1945 g
K6-106	600 x 272 h:116 mm	543 x 258 x 110 mm	2100 g
K6-107	600 x 272 h:138 mm	543 x 258 x 132 mm	2255 g
K6-108	600 x 272 h:190 mm	543 x 258 x 184 mm	2655 g
K6-109	600 x 272 h:235 mm	543 x 258 x 229 mm	3100 g





Code	Outside Dimension	Inside Dimension	Weight
K7-100	600 x 272 x 108 mm	543 x 258 x 60 mm	2640 g
K7-101	600 x 272 h:128 mm	543 x 258 x 76 mm	2840 g
K7-102	600 x 272 h:150 mm	543 x 258 x 98 mm	2940 g
K7-103	600 x 272 h:197 mm	543 x 258 x 150 mm	3390 g
K7-104	600 x 272 h:247 mm	543 x 258 x 195 mm	3780 g







STERILE CONTAINER SYSTEMS

3/4 Quarter Size

### **Box Types**



Box (With Barrier)



Box (Non Perforated)





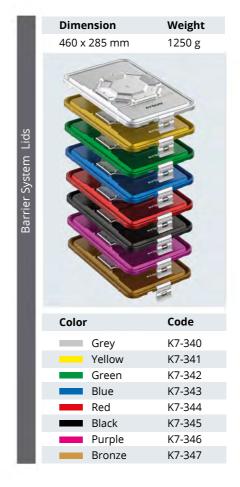
Code	Outside Dimension	Inside Dimension	Weight
K6-305	475 x 272 x 96 mm	422 x 258 x 90 mm	1670 g
K6-306	475 x 272 x 116 mm	422 x 258 x 110 mm	1760 g
K6-307	475 x 272 x 138 mm	422 x 258 x 132 mm	1895 g
K6-308	475 x 272 x 185 mm	422 x 258 x 179 mm	2350 g





Code	Outside Dimension	Inside Dimension	Weight
K7-300	475 x 272 x 108 mm	422 x 258 x 60 mm	2020 g
K7-301	475 x 272 x 128 mm	422 x 258 x 76 mm	2130 g
K7-302	475 x 272 x 150 mm	422 x 258 x 98 mm	2260 g
K7-303	475 x 272 x 197 mm	422 x 258 x 145 mm	2530 g







STERILE CONTAINER SYSTEMS

1/2 Half Size

### **Box Types**



Box (With Barrier)



Box (Non Perforated)





Code	Outside Dimension	Inside Dimension	Weight
K6-605	310 x 272 x 96 mm	253 x 258 x 90 mm	1285 g
K6-606	310 x 272 x 116 mm	253 x 258 x 110 mm	1345 g
K6-607	310 x 272 x 138 mm	253 x 258 x 132 mm	1455 g
K6-608	310 x 272 x 190 mm	253 x 258 x 184 mm	1705 g
K6-609	310 x 272 x 235 mm	253 x 258 x 229 mm	1955 g





Code	Outside Dimension	Inside Dimension	Weight
K7-600	310 x 272 x 108 mm	253 x 258 x 60 mm	1710 g
K7-601	310 x 272 x 128 mm	253 x 258 x 76 mm	1770 g
K7-602	310 x 272 x 150 mm	253 x 258 x 98 mm	1880 g
K7-603	310 x 272 x 197 mm	253 x 258 x 150 mm	2130 g
K7-604	310 x 272 x 247 mm	253 x 258 x 195 mm	2380 g







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STERILE CONTAINER SYSTEMS

Extra Large Size

### **Box Types**



Box (With Barrier)



Box (Non Perforated)





Code	Outside Dimension	Inside Dimension	Weight
K6-402	600 x 365 x 105 mm	543 x 350 x 99 mm	2365 g
K6-403	600 x 365 x 167 mm	543 x 350 x 161 mm	2890 g





Code	Outside Dimension	Inside Dimension	Weight
K7-700	600 x 365 x 117 mm	543 x 350 x 65 mm	3045 g
K7-701	600 x 365 x 179 mm	543 x 350 x 127 mm	3570 g







STERILE CONTAINER SYSTEMS

Extra Long Size

### **Box Types**



Box (With Barrier,



Box (Non Perforated)





Code	Outside Dimension	Inside Dimension	Weight
K6-2005	725 x 275 x 127 mm	670 x 260 x 121 mm	2446 g
K6-2007	725 x 275 x 134 mm	670 x 260 x 128 mm	2503 g
K6-2006	725 x 275 x 191 mm	670 x 260 x 185 mm	2974 g





Code	Outside Dimension	Inside Dimension	Weight
Code	Outside Diffielision	mside Dimension	weight
K7-2000	725 x 275 x 138 mm	670 x 260 x 104 mm	3150 g
K7-2002	725 x 275 x 145 mm	670 x 260 x 111 mm	3282 g
K7-2001	725 x 275 x 203 mm	670 x 260 x 170 mm	3660 g





	Dimension	Weight
	710 x 285 mm	2000 g
Barrier System Lids		
ı		
	Color	Code
l	<b>Color</b> Grey	<b>Code</b> K7-2120
	Grey	K7-2120
	Grey Yellow	K7-2120 K7-2121
	Grey Yellow Green	K7-2120 K7-2121 K7-2122
	Grey Yellow Green Blue Red Black	K7-2120 K7-2121 K7-2122 K7-2123
	Grey Yellow Green Blue Red	K7-2120 K7-2121 K7-2122 K7-2123 K7-2124



STERILE CONTAINER SYSTEMS

PTFE > Valve > Biostop



Aygün B3 model sterilization container systems are designed to provide different filtering mechanisms in a single sterilization container according to user preference. Without buying a new lid, the users are able to change the filtering system on the lid. Aygün B3 model sterilization container systems can be used with 3 different filtering mechanisms.

**PTFE System:** This filtering mechanism is used with 2000 cycles PTFE Teflon Filter which can be changed by the user easily like in standard model filter-based sterilization containers. The filter used in this system is provided only by Aygün which is placed in a cassette

**Valve system**: Valve system is modernized new model of Aygün Bio-Barrier systems and has the same running principal. This system works with mechanic valve with positive and negative pressure occurred during sterilization in autoclave and can be used minimum 5000 cycles.

**Box Types** 



Box (With System)



**Box** (Non Perforated)

**Bio-Stop System**: The Bio-Stop system is a flow inhibition system based on a principle discovered by Louis Pasteur. With a separation efficiency of 99.99 %, it offers significantly better protection against microbes and particles. This system can be used minimum 5000 cycles.

Aygün B3 model sterilization container systems are manufactured as five different length, width and height. 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.

# AYGUN

### **Standard Heights**



110 mm

135 mm

150 mm

200 mm

260 mm

### **Dimensions**



1/2 Half Size

3/4 Quarter Size

1/1 Full Size

Extra Large Size

Extra Long Size

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### **Filtering**Systems

**VALVE**System



Mechanism Parts



### **Filtering**Systems

**PTFE** System





AYGUN®

Mechanism Parts

AYGUN®
SURGICAL INSTRUMENTS CO., INC.

### **Filtering**Systems

**BIO-STOP**System ppsu



### **Filtering** Systems

**BIO-STOP**System aluminium





**BIO-STOP** System ppsu Mechanism Parts



AYGUN<sup>®</sup>

**BIO-STOP** System aluminium Mechanism Parts

AYGUN<sup>®</sup>

### B3 arrier sterile container systems PTFE > Valve > Biostop

1/1 Full Size

### **Box Types**





Box (Non Perforated)





Code	Outside Dimension	Inside Dimension	Weight
K6-105	600 x 272 x 96 mm	543 x 258 x 90 mm	1945 g
K6-106	600 x 272 h:116 mm	543 x 258 x 110 mm	2100 g
K6-107	600 x 272 h:138 mm	543 x 258 x 132 mm	2255 g
K6-108	600 x 272 h:190 mm	543 x 258 x 184 mm	2655 g
K6-109	600 x 272 h:235 mm	543 x 258 x 229 mm	3100 g









### Outside Dimension: 600 x 272 Inside Dimension: 543 x 258

Code



Code K8-100P K8-101P K8-102P K8-103P K8-104P



K8-100V K8-101V K8-102V K8-103V K8-104V





Code out	tside / insid	de height
K8-100BA	110 mm	63 mm
K8-101BA	130 mm	81 mm
K8-102BA	150 mm	101 mm
K8-103BA	200 mm	153 mm
K8-104BA	250 mm	199 mm





Color	PTFE system	VALVE system	BIO-STOP ppsu	BIO-STOP aluminium
Grey	K8-120P	K8-120V	K8-120B	K8-120BA
Yellow	K8-121P	K8-121V	K8-121B	K8-121BA
Green	K8-122P	K8-122V	K8-122B	K8-122BA
Blue	K8-123P	K8-123V	K8-123B	K8-123BA
Red	K8-124P	K8-124V	K8-124B	K8-124BA
■■ Black	K8-125P	K8-125V	K8-125B	K8-125BA
Purple	K8-126P	K8-126V	K8-126B	K8-126BA
Bronze	K8-127P	K8-127V	K8-127B	K8-127BA
Weight	1570 g	1600 g	1805 g	2300 g
	Dimen	sion: 585 x 28	35 mm	



Color		Code
	Grey	K6-230
Y	'ellow	K6-231
	Green	K6-232
E	Blue	K6-233
F	Red	K6-234
<b></b> E	Black	K6-235
P	Purple	K6-236
E	Bronze	K6-237
,	<b>Weight:</b> 1050	g
Dimer	nsion: 606 x 28	38 mm

### B3 arrier sterile container systems PTFE > Valve > Biostop

3/4 Quarter Size

### **Box Types**





Box (Non Perforated)





Code	Outside Dimension	Inside Dimension	Weight
K6-305	475 x 272 x 96 mm	422 x 258 x 90 mm	1609 g
K6-306	475 x 272 x 116 mm	422 x 258 x 110 mm	1714 g
K6-307	475 x 272 x 138 mm	422 x 258 x 132 mm	1842 g
K6-308	475 x 272 x 185 mm	422 x 258 x 179 mm	2117 g









Outside Dimension: 475 x 272	Inside Dimension: 422 x 258



Code K8-300P K8-301P K8-302P K8-303P **VALVE** system

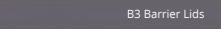
Code K8-300V

K8-301V K8-302V K8-303V BIO-STOP → ppsu

K8-300B K8-301B K8-302B K8-303B BIO-STOP ▶ **Weight**: 430 g

Code out	tside / insid	de height
K8-300BA	110 mm	63 mm
K8-301BA	130 mm	81 mm
K8-302BA	150 mm	101 mm
K8-303BA	197 mm	150 mm

### **AYGUN**® Different Colours





Color	PTFE system	VALVE system	BIO-STOP ppsu	BIO-STOP aluminium
Grey	K8-340P	K8-340V	K8-340B	K8-340BA
Yellow	K8-341P	K8-341V	K8-341B	K8-341BA
Green	K8-342P	K8-342V	K8-342B	K8-342BA
Blue	K8-343P	K8-343V	K8-343B	K8-343BA
Red	K8-344P	K8-344V	K8-344B	K8-344BA
■■■ Black	K8-345P	K8-345V	K8-345B	K8-345BA
Purple	K8-346P	K8-346V	K8-346B	K8-346BA
Bronze	K8-347P	K8-347V	K8-347B	K8-347BA
Weight	1030 g	1045 g	1170 g	1385 g
	Dimen	sion: 460 x 28	R5 mm	

Safety Lids



Color	Code	
Grey	K6-410	
Yellow	K6-411	
Green	K6-412	
Blue	K6-413	
Red	K6-414	
Black	K6-415	
Purple	K6-416	
Bronze	K6-417	
Weight: 9	00 g	
Dimension: 483 x 290 mm		

### Darrier STERILE CONTAINER SYSTEMS PTFE > Valve > Biostop

1/2 Half Size

### **Box Types**



Box (With System)



Box (Non Perforated)





Code	Outside Dimension	Inside Dimension	Weight
K6-605	310 x 272 x 96 mm	253 x 258 x 90 mm	1285 g
K6-606	310 x 272 x 116 mm	253 x 258 x 110 mm	1345 g
K6-607	310 x 272 x 138 mm	253 x 258 x 132 mm	1455 g
K6-608	310 x 272 x 185 mm	253 x 258 x 179 mm	1705 g
K6-609	310 x 272 x 235 mm	253 x 258 x 229 mm	1955 g









### Outside Dimension: 310 x 272

Inside Dimension: 253 x 258



Code K8-600P K8-601P K8-602P K8-603P K8-604P











OP >	Code ou	tside / insid	de height
ium	K8-600BA	110 mm	63 mm
	K8-601BA	130 mm	81 mm
	K8-602BA	150 mm	101 mm
	K8-603BA	200 mm	153 mm
-990A 430 g	K8-604BA	250 mm	199 mm
- 0			







Color	PTFE system	VALVE system	BIO-STOP ppsu	BIO-STOP aluminium
Grey	K8-630P	K8-630V	K8-630B	K8-630BA
Yellow	K8-631P	K8-631V	K8-631B	K8-631BA
Green	K8-632P	K8-632V	K8-632B	K8-632BA
Blue	K8-633P	K8-633V	K8-633B	K8-633BA
Red	K8-634P	K8-634V	K8-634B	K8-634BA
■■ Black	K8-635P	K8-635V	K8-635B	K8-635BA
Purple	K8-636P	K8-636V	K8-636B	K8-636BA
Bronze	K8-637P	K8-637V	K8-637B	K8-637BA
Weight	850 g	865 g	985 g	1200 g
<b>Dimension</b> : 295 x 280 mm				

### Safety Lids



Color	Code
Grey	K6-700
Yellow	K6-701
Green	K6-702
Blue	K6-703
Red	K6-704
Black	K6-705
Purple	K6-706
Bronze	K6-707
Weight: 6	510 g
Dimension: 317	x 285 mm



### Extra Large Size

### **Box Types**



Box (With System)



Box (Non Perforated)





Code	Outside Dimension	Inside Dimension	Weight
K6-402	600 x 365 x 105 mm	543 x 350 x 99 mm	2271 g
K6-403	600 x 365 x 167 mm	543 x 350 x 161 mm	2856 g









### Outside Dimension: 600 x 365

**Inside Dimension:** 543 x 350





Code



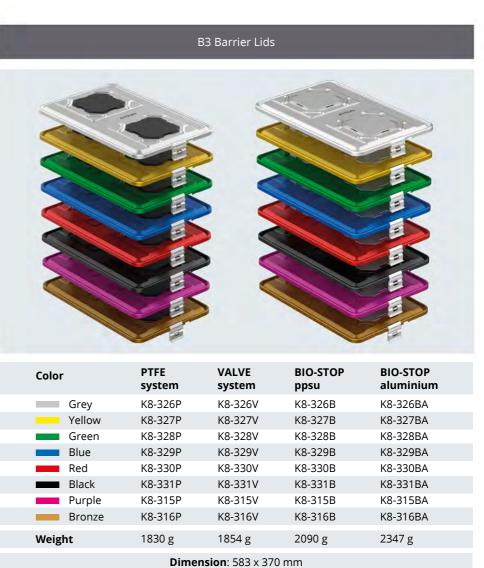






Code	out	side / insi	de height
K8-700	ВА	120 mm	69 mm
K8-701	ВА	180 mm	131 mm





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### Extra Long Size

### **Box Types**



Box (With System)



Box (Non Perforated)





Code	Outside Dimension	Inside Dimension	Weight
K6-2005	725 x 275 x 127 mm	670 x 260 x 121 mm	2446 g
K6-2007	725 x 275 x 134 mm	670 x 260 x 128 mm	2503 g
K6-2006	725 x 275 x 191 mm	670 x 260 x 185 mm	2974 g









Outsida	Dimension	• 725 v 275	
Outside	DILLICISION	• / 43 X 4/3	

Code

**Inside Dimension**: 670 x 260



Code K8-2000P K8-2001P K8-2002P





K8-2000V K8-2001V K8-2002V

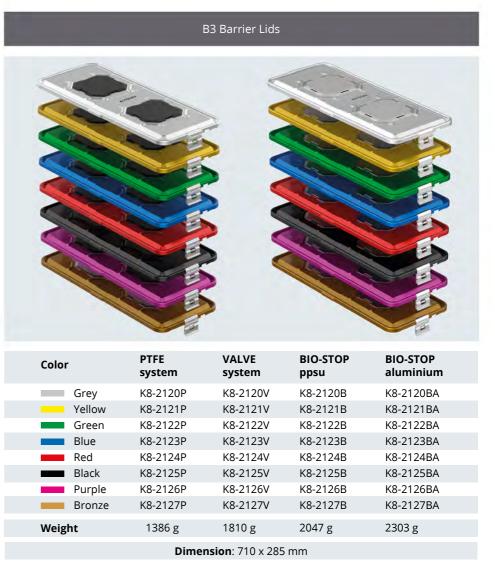


Weight: 290 <u>ք</u>

Code **BIO-STOP** K8-2000B K8-2001B K8-2002B Weight: 430

,	Code ou	itside / insid	de height
n	K8-2000BA	138 mm	95 mm
2	K8-2002BA	145 mm	102 mm
	K8-2001BA	203 mm	163 mm
0A ) g			

## **AYGUN**® Different Colours



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### **PPSU MODELS**

STERILE CONTAINER SYSTEMS



Aygün PPSU model sterilization container systems are structured with aluminum boxes and High Performance Polymer Lids. PPSU model sterilization container systems are resistant against high temperature (up to 190°C), impacts, scratches, deformation, discoloration and chemicals. The PPSU model lids are lighter compared to aluminum lids. As an addition to basic six different colors, these sterilization container systems are also available with transparent lid option that provides the users see inside the container without opening the lid.

Aygün PPSU model sterilization container systems can be used with single use paper filter or reusable PTFE Teflon filters. It can also be manufactured with Bio-Barrier or Bio-Stop model.

Aygün PPSU model sterilization container systems are manufactured as five different length, width and height. 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.

### **Box Types**



Box (With Barrier)



Box (With Filter



Box (Non Perforated)

### **Standard Heights**



110 mm

135 mm

150 mm

200 mm

260 mm

### \_

### **Dimensions**



### **Bio Barrier Models & Classic Models**

1/1 Full Size 3/4 Quarter Size 1/2 Half Size

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**AYGUN®** 

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### What is PPSU?

PPSU is Polyphenylsulfone, an amorphous plastic. This material combines a high melting temperature with quite a low moisture absorption. PPSU has a high impact strength and chemical resistance. The material is also resistant to detergents and disinfectants. It has a high heat distortion temperature up to 190 °C and can be easily sterilized by superheated steam.

### **PPSU** Polymer Trays

We perform our customers' special production requests in a manner that does not violate international patent and intellectual property rights. In this way, we increase the flexibility and competitiveness of our valued customers.



### Polymer PPSU Lids Are;

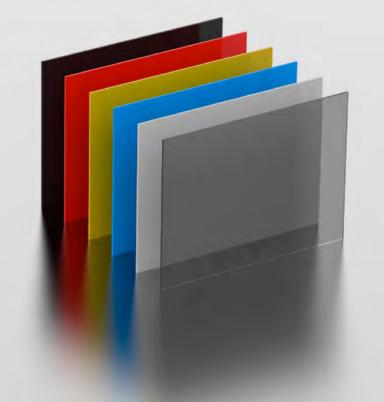
**High Quality** 

Lighter

Six Different Colors

**Transparent Option** 





### **AYGUN**®

### **Resistant Against;**

• Impact • Discoloration

• Scratch • Heat

• Deformation • Chemical



### Pay attention to;

Solvents such as acetone, thinner, and gas should not be used.

Distilled water or water without mineral should be used for the last rinsing procedure.

### **PPSU MODELS**

STERILE CONTAINER SYSTEMS

1/1 Full Size

### **Box Types**









Box (Non Perforated







Code	Outside Dimension	Inside Dimension	Weight
K6-105	600 x 272 x 96 mm	543 x 258 x 90 mm	1945 g
K6-106	600 x 272 h:116 mm	543 x 258 x 110 mm	2100 g
K6-107	600 x 272 h:138 mm	543 x 258 x 132 mm	2255 g
K6-108	600 x 272 h:190 mm	543 x 258 x 184 mm	2655 g
K6-109	600 x 272 h:235 mm	543 x 258 x 229 mm	3100 g





Code	Outside Dimension	Inside Dimension	Weight
K6-100	600 x 272 x 96 mm	543 x 258 x 78 mm	2200 g
K6-101	600 x 272 h:116 mm	543 x 258 x 99 mm	2360 g
K6-102	600 x 272 h:138 mm	543 x 258 x 121 mm	2520 g
K6-103	600 x 272 h:190 mm	543 x 258 x 173 mm	2975 g
K6-104	600 x 272 h:235 mm	543 x 258 x 218 mm	3355 g





K6-104	600 x 272 h:235 mm	543 x 258 x 218 mm	3355 g
Code	Outside Dimension	Inside Dimension	Weight
K7-100	600 x 272 x 96 mm	543 x 258 x 60 mm	2640 g
K7-101	600 x 272 h:116 mm	543 x 258 x 76 mm	2840 g
K7-102	600 x 272 h:138 mm	543 x 258 x 98 mm	2940 g
K7-103	600 x 272 h:190 mm	543 x 258 x 150 mm	3390 g
K7-104	600 x 272 h:235 mm	543 x 258 x 195 mm	3780 g



Barrier System Lids		
Dimen	sion	Weight
602 x 2	85 mm	1810 g
Color		Code
	Grey	KP7-120
	Yellow	KP7-121
	Blue	KP7-123
	Red	KP7-124
	Black	KP7-125
	Transparent	KT7-120

# **PPSU MODELS**

STERILE CONTAINER SYSTEMS

3/4 Quarter Size

### **Box Types**











Box (Non Perforated







Code	Outside Dimension	Inside Dimension	Weight
K6-305	475 x 272 x 96 mm	422 x 258 x 90 mm	1670 g
K6-306	475 x 272 x 116 mm	422 x 258 x 110 mm	1760 g
K6-307	475 x 272 x 138 mm	422 x 258 x 132 mm	1895 g
K6-308	475 x 272 x 185 mm	422 x 258 x 179 mm	2350 g





Code	Outside Dimension	Inside Dimension	Weight
K6-300	475 x 272 x 96 mm	422 x 258 x 78 mm	1795 g
K6-301	475 x 272 x 116 mm	422 x 258 x 99 mm	1885 g
K6-302	475 x 272 x 138 mm	422 x 258 x 121 mm	2020 g
K6-303	475 x 272 x 190 mm	422 x 258 x 168 mm	2475 g





Code	Outside Dimension	Inside Dimension	Weight
K7-300	475 x 272 x 96 mm	422 x 258 x 60 mm	2020 g
K7-301	475 x 272 x 116 mm	422 x 258 x 76 mm	2130 g
K7-302	475 x 272 x 138 mm	422 x 258 x 98 mm	2260 g
K7-303	475 x 272 x 190 mm	422 x 258 x 145 mm	2530 g



Barrier System Lids					
Dimension         Weight           477 x 285 mm         1240 g					
477 X 203 TIMI	1240 8				
City City	1				
	8				
CO.	3				
Color	Code				
Grey	KP7-340				
Yellow	KP7-341				
Blue	KP7-343				
Red	KP7-344				
Black	KP7-345				

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# **PPSU MODELS**

STERILE CONTAINER SYSTEMS

1/2 Half Size

#### **Box Types**



Box (With Barrier)



Box (With Filter)



Box (Non Perforated





Box (With Filter)



	V	3	//	
	& dist			



Code	Outside Dimension	Inside Dimension	Weight
K6-605	310 x 272 x 96 mm	253 x 258 x 90 mm	1285 g
K6-606	310 x 272 x 116 mm	253 x 258 x 110 mm	1345 g
K6-607	310 x 272 x 138 mm	253 x 258 x 132 mm	1455 g
K6-608	310 x 272 x 190 mm	253 x 258 x 184 mm	1705 g
K6-609	310 x 272 x 235 mm	253 x 258 x 229 mm	1955 g

Code	Outside Dimension	Inside Dimension	Weight
K6-600	310 x 272 x 96 mm	253 x 258 x 78 mm	1400 g
K6-601	310 x 272 x 116 mm	253 x 258 x 99 mm	1460 g
K6-602	310 x 272 x 138 mm	253 x 258 x 121 mm	1570 g
K6-603	310 x 272 x 190 mm	253 x 258 x 173 mm	1820 g
K6-604	310 x 272 x 235 mm	253 x 258 x 218 mm	2070 g

Code	Outside Dimension	Inside Dimension	Weight
K7-600	310 x 272 x 96 mm	253 x 258 x 60 mm	1710 g
K7-601	310 x 272 x 116 mm	253 x 258 x 76 mm	1770 g
K7-602	310 x 272 x 138 mm	253 x 258 x 98 mm	1880 g
K7-603	310 x 272 x 190 mm	253 x 258 x 150 mm	2130 g
K7-604	310 x 272 x 235 mm	253 x 258 x 195 mm	2380 g



	Barrier Syste	em Lids
Dime	nsion	Weight
312 x	280 mm	995 g
Color		Code
	Grey	KP7-630
	Yellow	KP7-631
	Blue	KP7-633
	Red	KP7-634
	Black	KP7-635
	Transparent	KT7-630

STERILE CONTAINER SYSTEMS



Aygün standard model container systems are designed for perfect steam flow and penetration for loads suitable to the standards and can be used with single use paper filter or reusable PTFE Teflon filters. The standard model sterilization containers are equipped with silicone coated carrying handles which have 90° mobility and its ergonomic design provides easy and secure carrying facilities. The gaskets inside the lid and filter retainer ensure perfect tightness while locking mechanism of this system provides excellent grip with its flexible structure.

Aygün standard model sterilization container systems are manufactured as five different length, width and height and can be supplied with perforated or non-perforated boxes, perforated lids and safety lids for effective external protection. These safety lids do not interfere with sterilization and they provides protection to the perforated lid and the filter system against hard objects, 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.

**Box Types** 



Box (Perforated)



Box (Non Perforated,



#### **Standard Heights**



110 mm

135 mm

150 mm

200 mm

260 mm

#### **Dimensions**



1/2 Half Size

3/4 Quarter Size

1/1 Full Size

Extra Large Size

Extra Long Size

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STERILE CONTAINER SYSTEMS

1/1 Full Size

### **Box Types**



Box (Perforated)



Box (Non Perforated)





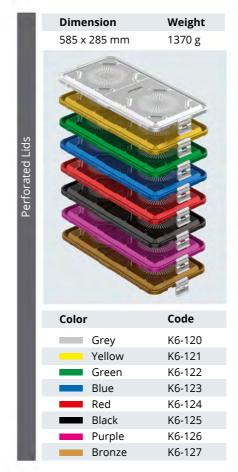
Code	Outside Dimension	Inside Dimension	Weight
K6-105	600 x 272 x 96 mm	543 x 258 x 90 mm	1945 g
K6-106	600 x 272 h:116 mm	543 x 258 x 110 mm	2100 g
K6-107	600 x 272 h:138 mm	543 x 258 x 132 mm	2255 g
K6-108	600 x 272 h:190 mm	543 x 258 x 184 mm	2655 g
K6-109	600 x 272 h:235 mm	543 x 258 x 229 mm	3100 g

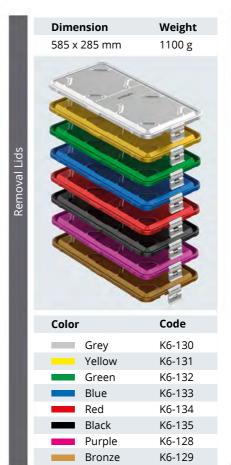




Code	Outside Dimension	Inside Dimension	Weight
K6-100	600 x 272 x 96 mm	543 x 258 x 78 mm	2200 g
K6-101	600 x 272 h:116 mm	543 x 258 x 99 mm	2360 g
K6-102	600 x 272 h:138 mm	543 x 258 x 121 mm	2520 g
K6-103	600 x 272 h:190 mm	543 x 258 x 173 mm	2975 g
K6-104	600 x 272 h:235 mm	543 x 258 x 218 mm	3355 g









STERILE CONTAINER SYSTEMS

3/4 Quarter Size

#### **Box Types**



Box (Perforated)



Box (Non Perforated)





Code	Outside Dimension	Inside Dimension	Weight
K6-305	475 x 272 x 96 mm	422 x 258 x 90 mm	1670 g
K6-306	475 x 272 x 116 mm	422 x 258 x 110 mm	1760 g
K6-307	475 x 272 x 138 mm	422 x 258 x 132 mm	1895 g
K6-308	475 x 272 x 185 mm	422 x 258 x 179 mm	2350 g

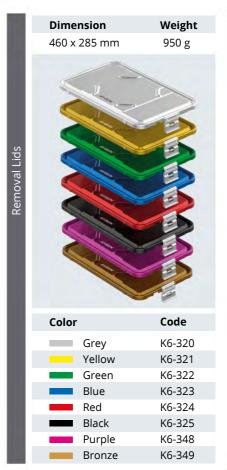




Code	Outside Dimension	Inside Dimension	Weight
K6-300	475 x 272 x 96 mm	422 x 258 x 78 mm	1795 g
K6-301	475 x 272 x 116 mm	422 x 258 x 99 mm	1885 g
K6-302	475 x 272 x 138 mm	422 x 258 x 121 mm	2020 g
K6-303	475 x 272 x 190 mm	422 x 258 x 168 mm	2475 g









STERILE CONTAINER SYSTEMS

1/2 Half Size

#### **Box Types**



Box (Perforated)



Box (Non Perforated)





Code	<b>Outside Dimension</b>	Inside Dimension	Weight
K6-605	310 x 272 x 96 mm	253 x 258 x 90 mm	1285 g
K6-606	310 x 272 x 116 mm	253 x 258 x 110 mm	1345 g
K6-607	310 x 272 x 138 mm	253 x 258 x 132 mm	1455 g
K6-608	310 x 272 x 190 mm	253 x 258 x 184 mm	1705 g
K6-609	310 x 272 x 235 mm	253 x 258 x 229 mm	1955 g

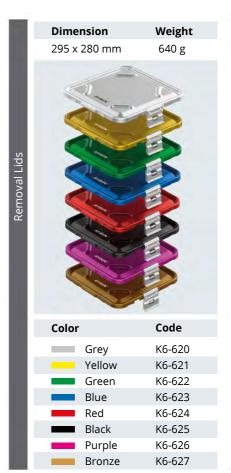




Code	Outside Dimension	Inside Dimension	Weight
K6-600	310 x 272 x 96 mm	253 x 258 x 78 mm	1400 g
K6-601	310 x 272 x 116 mm	253 x 258 x 99 mm	1460 g
K6-602	310 x 272 x 138 mm	253 x 258 x 121 mm	1570 g
K6-603	310 x 272 x 185 mm	253 x 258 x 167 mm	1820 g
K6-604	310 x 272 x 235 mm	253 x 258 x 218 mm	2070 g









STERILE CONTAINER SYSTEMS

Extra Large Size

### **Box Types**



Box (Perforated)



Box (Non Perforated)





Code	Outside Dimension	Inside Dimension	Weight
K6-402	600 x 365 x 105 mm	543 x 350 x 99 mm	2365 g
K6-403	600 x 365 x 167 mm	543 x 350 x 161 mm	2890 g





Code	Outside Dimension	Inside Dimension	Weight
K6-400	600 x 365 x 105 mm	543 x 350 x 88 mm	2620 g
K6-401	600 x 365 x 167 mm	543 x 350 x 150 mm	3145 g







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STERILE CONTAINER SYSTEMS

Extra Long Size

### **Box Types**



Box (Perforated)



Box (Non Perforated)





Code	Outside Dimension	Inside Dimension	Weight
K6-2005	725 x 275 x 127 mm	670 x 260 x 121 mm	2446 g
K6-2007	725 x 275 x 134 mm	670 x 260 x 128 mm	2503 g
K6-2006	725 x 275 x 191 mm	670 x 260 x 185 mm	2974 g





Code	Outside Dimension	Inside Dimension	Weight
K6-2000	725 x 275 x 127 mm	670 x 260 x 110 mm	2700 g
K6-2002	725 x 275 x 134 mm	670 x 260 x 117 mm	2792 g
K6-2001	725 x 275 x 191 mm	670 x 260 x 173 mm	3230 g







STERILE CONTAINER SYSTEMS

Aygün A1 model sterilization container systems basically have similar features with standard model sterilization container systems. It has been designed by restricting some features of standard model which will not risk any of sterilization necessities. When compared to standard model sterilization container systems there is no colorful lid option in this model and coloring pars are carried out to label plates. It can be supplied with five main colors except for black. Moreover the handles of this model are not silicone coated and this model cannot be supplied with perforated boxes and more than 200 mm deep boxes. Similar to other models, Aygün A1 model sterilization container systems are manufactured as three different length, width and height. All models and sizes have specific baskets and accessories which can be viewed in following parts.

**Box Types** 



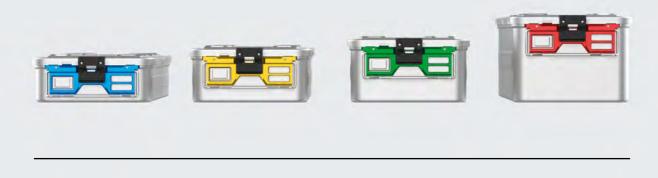
Box (Non Perforated)







#### **Standard Height Dimensions**



135 mm

200 mm

#### Models







1/1 Full Size

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3/4 Quarter Size

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1/2 Half Size

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STERILE CONTAINER SYSTEMS

1/1 Full Size

#### **Box Types**



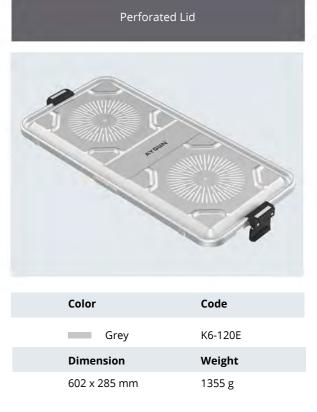






543 x 258 x 184 mm

600 x 272 x 185 mm



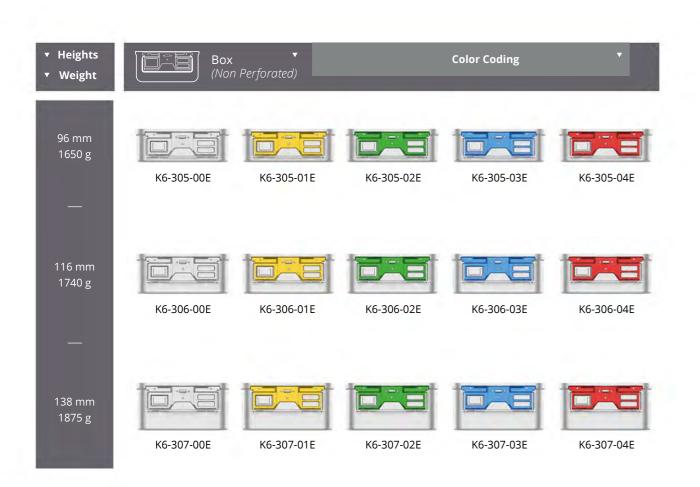
STERILE CONTAINER SYSTEMS

3/4 Quarter Size

#### **Box Types**









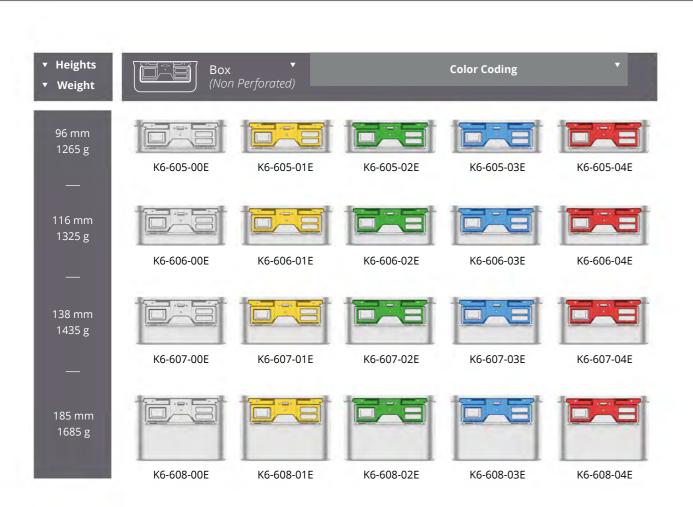
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STERILE CONTAINER SYSTEMS

1/2 Half Size

#### **Box Types**











Outside Dimension	Inside Dimension
310 x 272 x 96 mm	253 x 258 x 90 mm
310 x 272 x 116 mm	253 x 258 x 110 mm
310 x 272 x 138 mm	253 x 258 x 132 mm
310 x 272 x 185 mm	253 x 258 x 184 mm

#### Perforated Lid



Color	Code
Grey	K6-630E
Dimension	Weight
312 x 280 mm	750 g

STERILE CONTAINER SYSTEMS

one of its patented products. What makes this model different from the others is the window on the lid which its name comes from. This window of made of high performance PPSU transparent material which is space. For that purpose, this sterilization container model is supplied with a wire base inside the container as standard. Except for this container model, all Aygün resistant against high temperature, impacts, scratches, deformation, discoloration and chemicals and it opens users a way to visually check inside of the sterilization are manufactured as five different length, width and container without opening the lid. The window height. All models and sizes have specific baskets and model lids assures great tightness due to its special assembly method and the gasket system in it. As there Modular auto lock mechanism (thermo lock) promising is no filtering mechanism on the lid, window model sterility assurance and indicator window providing sterilization container boxes strictly must be bottom visibility of the indicator card result by visual control perforated. Either single use paper or 2000 cycles PTFE without opening the lid are also available for this Teflon Filters can be used in the box. In order to allow sterilization container model.

Aygün window model sterilization container system is the air flow and reach to perfect steam penetration the filtering mechanism of this model must have enough boxes and lids are compatible with each other.

Aygün window model sterilization container systems accessories which can be viewed in following parts.

**Box Types** 



Box (With Wire Base)

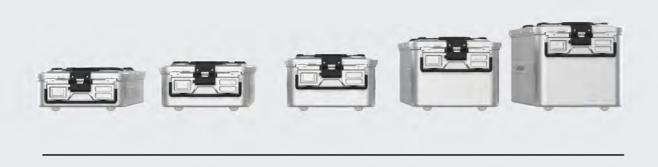




#### AYGUN



#### Standard Heights



153 mm

205 mm

260 mm

#### **Dimensions**



1/1 Full Size

Page 96 -97

3/4 Quarter Size

Page 98 -99

1/2 Half Size

Page 100 -101

STERILE CONTAINER SYSTEMS

1/1 Full Size

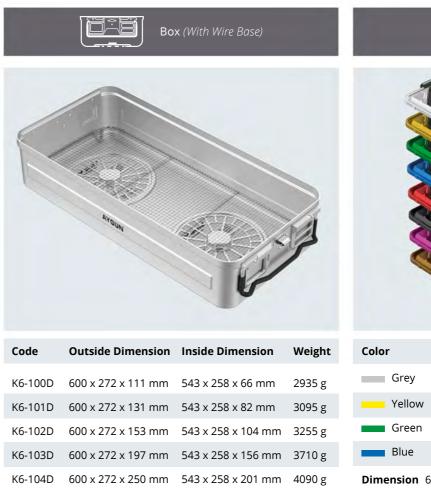
#### **Box Types**



Box (With Wire Base)









STERILE CONTAINER SYSTEMS

3/4 Quarter Size

#### **Box Types**



Box (With Wire Base)









STERILE CONTAINER SYSTEMS

1/2 Half Size

### **Box Types**



Box (With Wire Base)









Code	Outside Dimension	Inside Dimension	Weight
K6-600D	310 x 272 x 111 mm	253 x 258 x 66 mm	1765 g
K6-601D	310 x 272 x 131 mm	253 x 258 x 82 mm	1825 g
K6-602D	310 x 272 x 153 mm	253 x 258 x 104 mm	1935 g
K6-603D	310 x 272 x 197 mm	253 x 258 x 156 mm	2185 g
K6-604D	310 x 272 x 250 mm	253 x 258 x 201 mm	2435 g



LOW TEMPERATURE
STERILE CONTAINER SYSTEMS

Aygün plasma model container systems are designed for both steam and plasma sterilization (destroying the microorganisms by free radicals). The suitable accessories like paper filter for steam or polypropylene filter for plasma must be chosen by the user according to the need. The plasma model containers are equipped with carrying handles which have 90° mobility and its ergonomic design provides easy and secure carrying facilities. The gaskets inside the lid and filter retainer ensure perfect tightness while locking mechanism of this system provides excellent grip with its flexible structure.

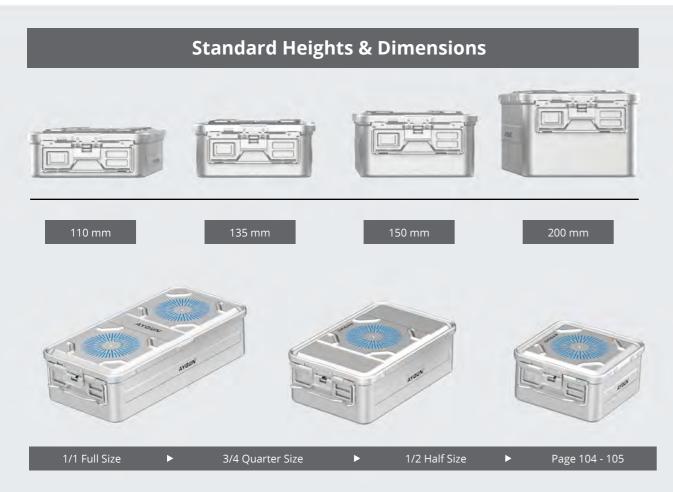
Aygün plasma model sterilization container systems are manufactured with different length, width and height and can be supplied with perforated bottom and lids. All models and sizes have specific baskets and accessories which can be viewed in following parts.

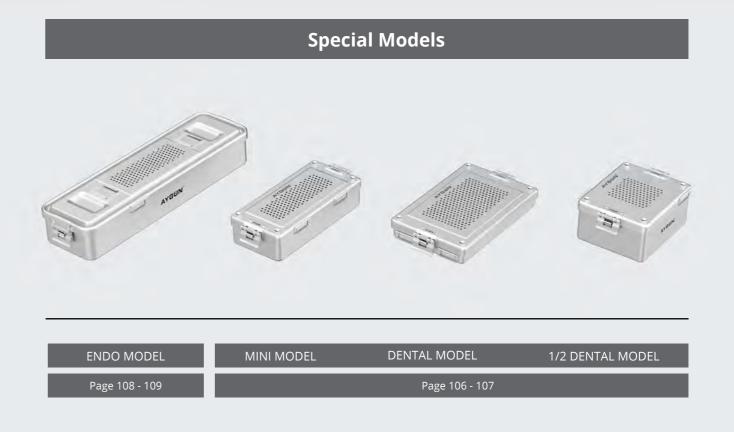
**Box Types** 



Box (Perforated)







LOW TEMPERATURE
STERILE CONTAINER SYSTEMS

1/1 Full Size 3/4 Quarter Size 1/2 Half Size

**Box Types** 







Box (Perforated)



Code	Outside Dimension	Inside Dimension	Weight
K6-100Z	600 x 272 x 96 mm	543 x 258 x 90 mm	2200 g
K6-101Z	600 x 272 x 116 mm	543 x 258 x 99 mm	2360 g
K6-102Z	600 x 272 x 138 mm	543 x 258 x 121 mm	2520 g

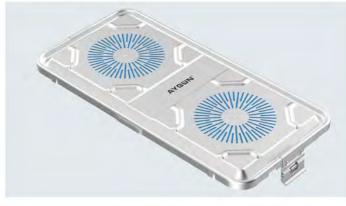


Code	Outside Dimension	Inside Dimension	Weight
K6-300Z	475 x 272 x 96 mm	422 x 258 x 78 mm	1795 g
K6-301Z	475 x 272 x 116 mm	422 x 258 x 99 mm	1885 g
K6-302Z	475 x 272 x 138 mm	422 x 258 x 121 mm	2020 g
K6-303Z	475 x 272 x 185 mm	422 x 258 x 168 mm	2475 g



Code	Outside Dimension	Inside Dimension	Weight
K6-600Z	310 x 272 x 96 mm	253 x 258 x 78 mm	1400 g
K6-601Z	310 x 272 x 116 mm	253 x 258 x 99 mm	1460 g
K6-602Z	310 x 272 x 138 mm	253 x 258 x 121 mm	1570 g





Color	Code
Grey	K6-120Z
Dimension	Weight
585 x 285 mm	1370 g



Color	Code
Grey	K6-340Z
Dimension	Weight
460 x 285 mm	1020 g



Color	Code
Grey	K6-630Z
Dimension	Weight
295 x 280 mm	765 g

LOW TEMPERATURE STERILE CONTAINER SYSTEMS

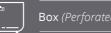
Mini Model Dental Model 1/2 Dental Model

**Box Types** 







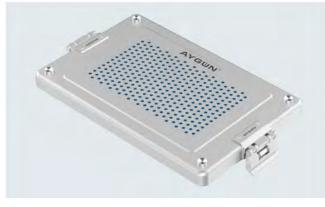








Code	Outside Dimension	Weight
K6-1860Z	323 x 186 x 43 mm	493 g
K6-1861Z	323 x 186 x 58 mm	535 g
K6-1862Z	323 x 186 x 122 mm	745 g



Perforated Lid

Color	Code
Grey	K6-1880Z
Dimension	Weight
325 x 192 mm	638 g



Code	Outside Dimension	Weight
K6-1560Z	227 x 162 x 57 mm	386 g
K6-1561Z	227 x 162 x 88 mm	463 g
K6-1562Z	227 x 162 x 122 mm	525 g



Color	Code
Grey	K6-1570Z
Dimension	Weight
220 x 170 mm	488 g



Code	Outside Dimension	Weight
K6-1960Z	315 x 132 x 32 mm	338 g
K6-1961Z	315 x 132 x 63 mm	432 g
K6-1962Z	315 x 132 x 92 mm	523 g



Color	Code
Grey	K6-1970Z
Dimension	Weight
320 x 142 mm	513 g

LOW TEMPERATURE STERILE CONTAINER SYSTEMS

Endo Model

**Box Types** 



Box (Perforated)









# DENTAL, MINI & SPECIAL MODELS

STERILE CONTAINER SYSTEMS

As an addition to all standard sizes, Aygün also provides smaller containers like Mini, Large Dental, Dental, ½ Dental, Flat, Endo, Implant, Scopy and Mini Implant Model for preparation of many surgeries like dental or micro surgeries.

**Box Types** 



Box (Perforated)



Box (Non Perforated)



#### Models



















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# LARGE DENTAL

STERILE CONTAINER SYSTEMS

#### **Box Types**



Box (Non Perforated)



#### **Standard Heights**







115 mm

130 mm

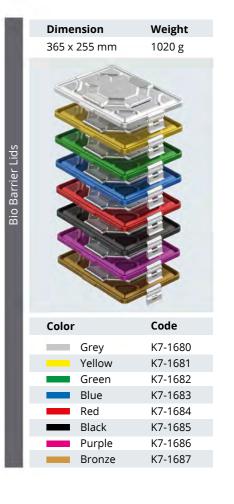
150 mm





Code	Outside Dimension	Inside Dimension	Weight
K6-1665	380 x 244 x 100 mm	330 x 234 x 94 mm	1350 g
K6-1666	380 x 244 x 116 mm	330 x 234 x 112 mm	1465 g
K6-1667	380 x 244 x 138 mm	330 x 234 x 130 mm	1600 g

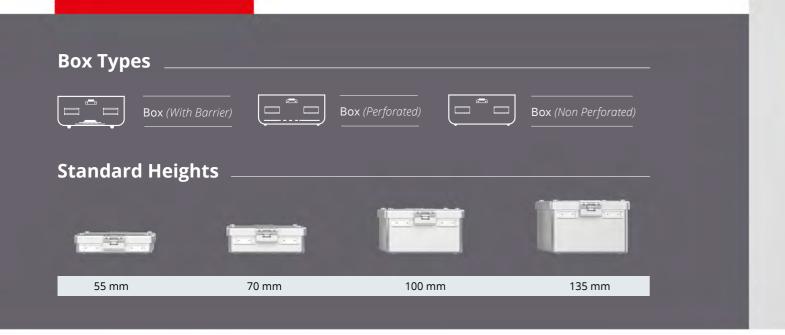




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# **DENTAL MODEL**

STERILE CONTAINER SYSTEMS









Code	Outside Dimension	Inside Dimension	Weight
K6-1865	320 x 186 x 43 mm	281 x 184 x 38 mm	360 g
K6-1866	320 x 186 x 59 mm	281 x 184 x 54 mm	425 g
K6-1868	320 x 186 x 102 mm	281 x 184 x 98 mm	560 g
K6-1867	320 x 186 x 122 mm	281 x 184 x 118 mm	634 g



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Code	Outside Dimension	Inside Dimension	Weight
K6-1860	320 x 186 x 43 mm	281 x 184 x 28 mm	500 g
K6-1861	320 x 186 x 58 mm	281 x 184 x 46 mm	550 g
K6-1863	320 x 186 x 102 mm	281 x 184 x 93 mm	695 g
K6-1862	320 x 186 x 122 mm	281 x 184 x 110 mm	755 g

Code	Outside Dimension	Inside Dimension	Weight
K7-1861	320 x 186 x 69 mm	281 x 184 x 35 mm	765 g
K7-1863	320 x 186 x 112 mm	281 x 184 x 79 mm	910 g
K7-1862	320 x 186 x 132 mm	281 x 184 x 99 mm	984 g

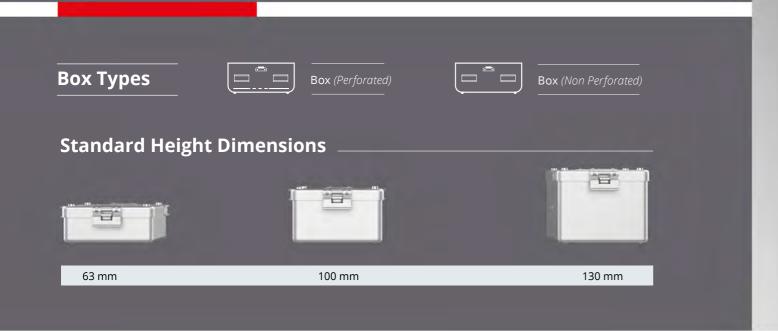






# 1/2 DENTAL MODEL

STERILE CONTAINER SYSTEMS









Code	Outside Dimension	Inside Dimension	Weight
K6-1565	227 x 162 x 57 mm	190 x 158 x 48 mm	245 g
K6-1566	227 x 162 x 88 mm	190 x 158 x 88 mm	335 g
K6-1567	227 x 162 x 122 mm	190 x 158 x 118 mm	410 g





Code	Outside Dimension	Inside Dimension	Weight
K6-1560	227 x 162 x 57 mm	190 x 158 x 40 mm	385 g
K6-1561	227 x 162 x 88 mm	190 x 158 x 80 mm	440 g
K6-1562	227 x 162 x 122 mm	190 x 158 x 110 mm	545 g





### **ENDO MODEL**

STERILE CONTAINER SYSTEMS



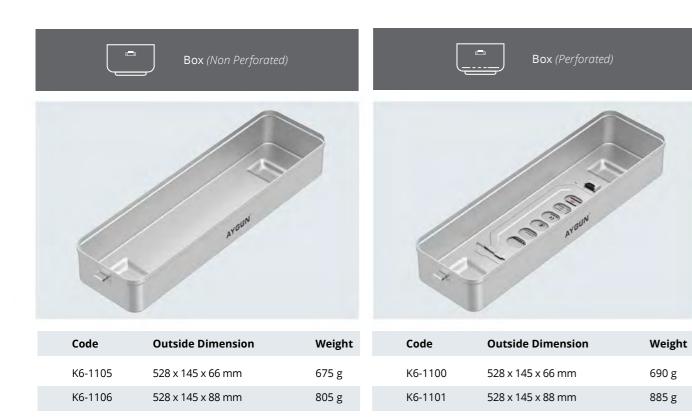


Box (Perforated)



Box (Non Perforated)





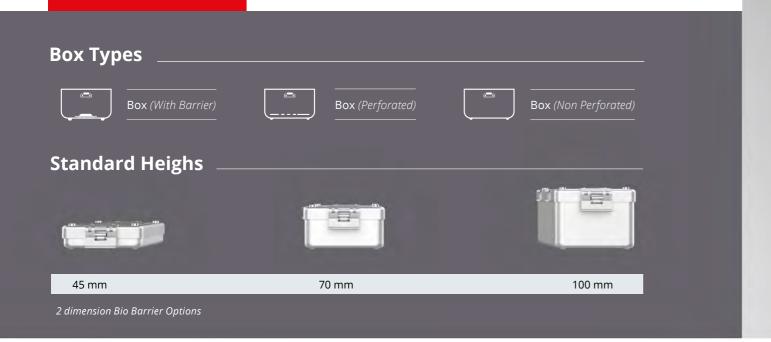




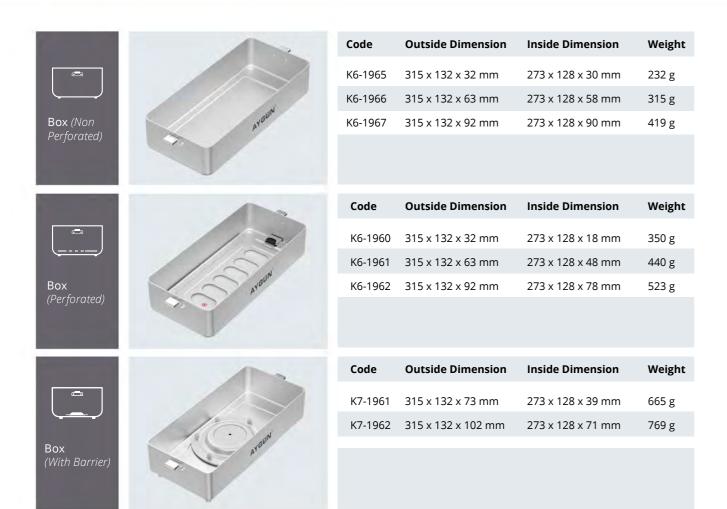
### MINI MODEL

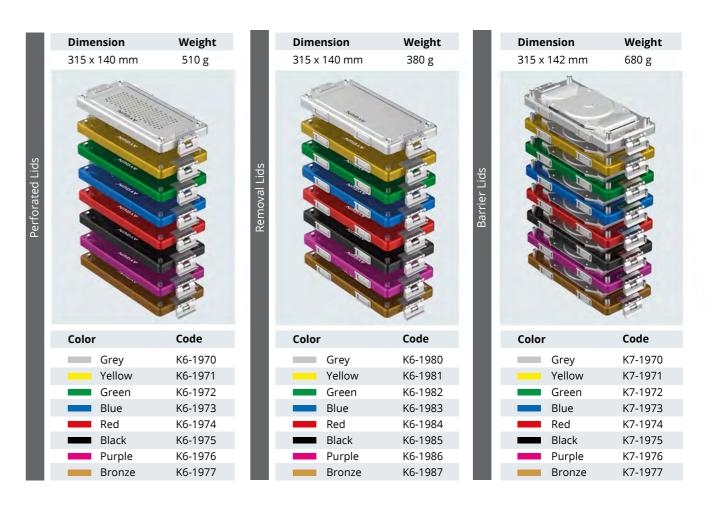
STERILE CONTAINER SYSTEMS

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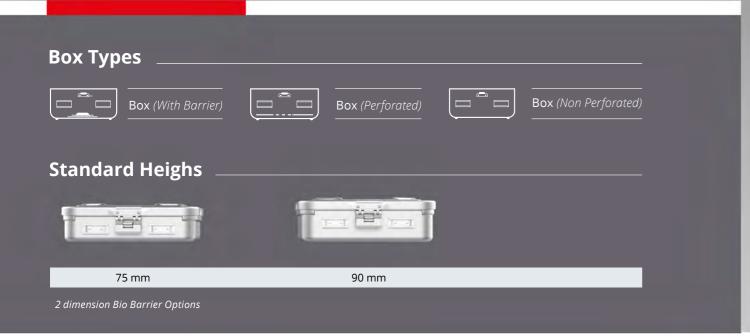






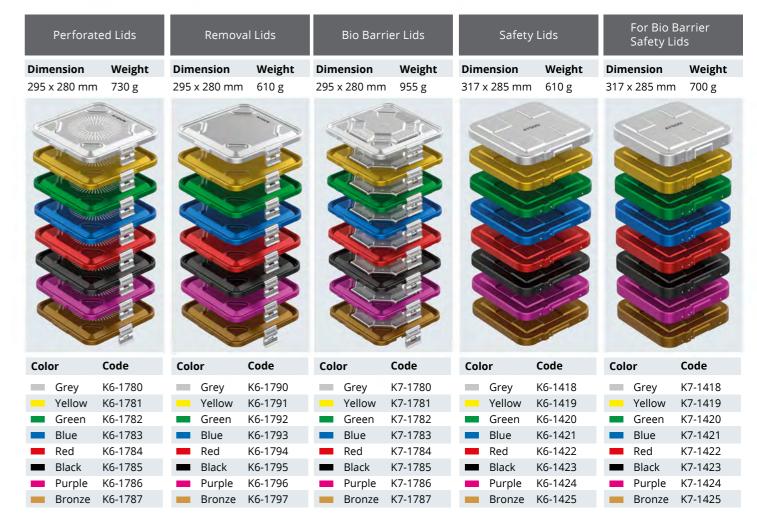
#### **FLAT MODEL**

STERILE CONTAINER SYSTEMS









#### **IMPLANT MODEL**

STERILE CONTAINER SYSTEMS

### **Box & Lids Types**

Lid Perforated
Box Non Perforated

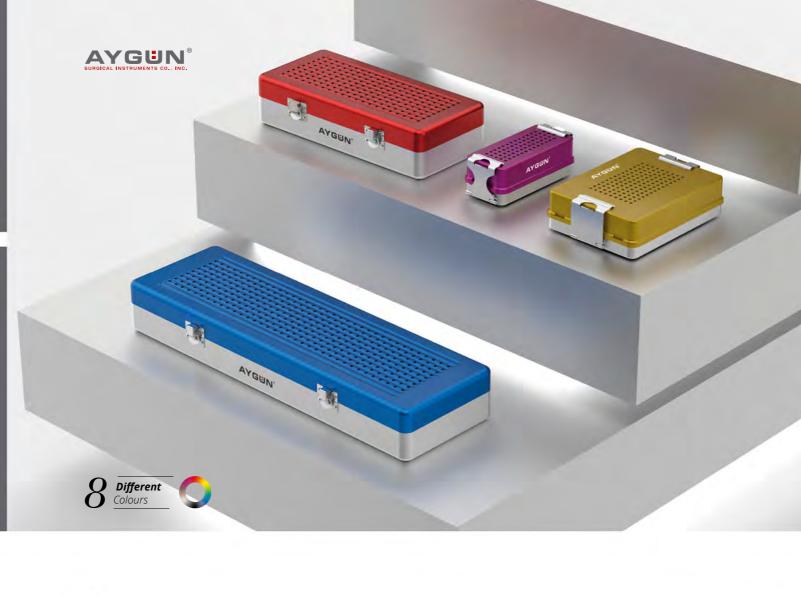
Lid Perforated Box Perforated

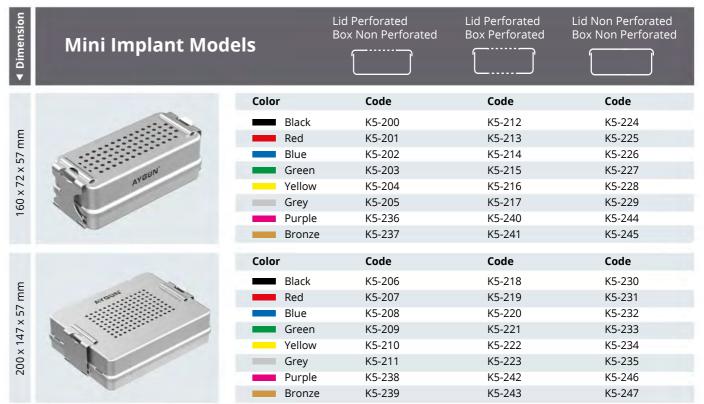


Lid Non Perforated Box Non Perforated

All container measurements cover the outer size of the lids.







#### **SCOPY MODEL**

STERILE CONTAINER SYSTEMS

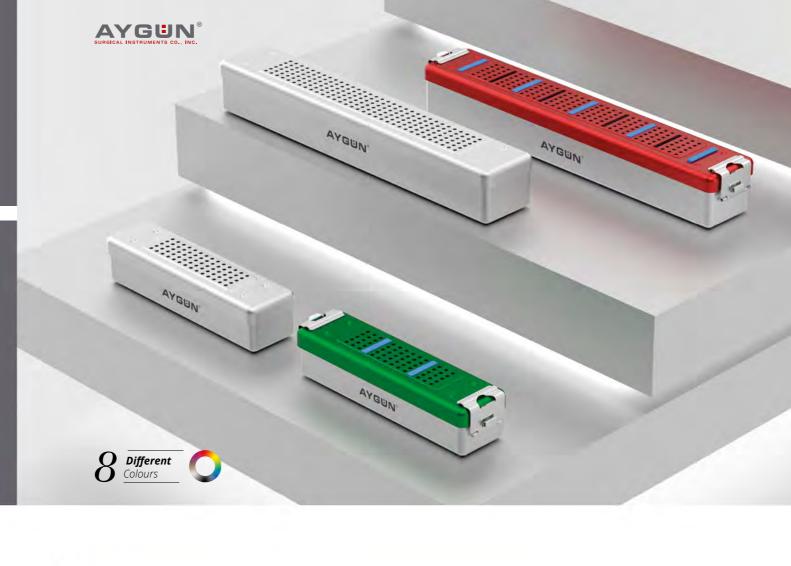
#### **Box & Lids Types**

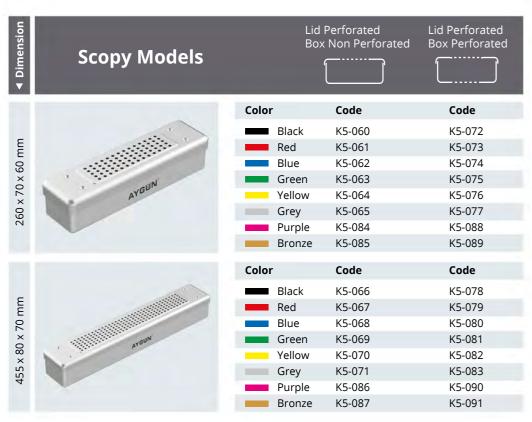
Lid Perforated Box Non Perforated



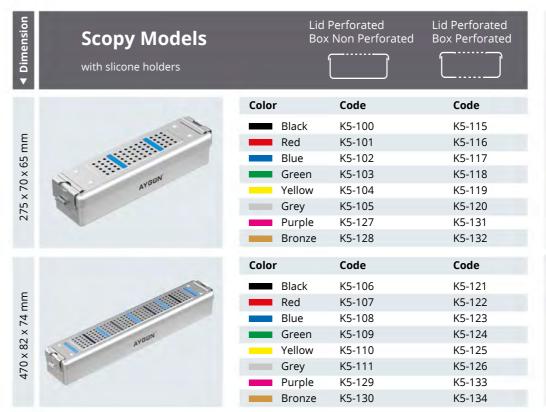
Lid Perforated **Box Perforated** 

All container measurements cover the outer size of the lids.













#### **BASKETS**

The baskets are the main supplementary components of container systems and they are necessary for a full set container. AYGÜN has focused on 3 main model in basket production. Two of these models are wire basket and perforated sheet basket. The third model is a combination of these two models with perforated metal plates on sides and with wire mesh on bottom. AYGÜN has the model and sizes of baskets in its standard production appealing to all container model and sizes. Also, it ensures basket production in demanded sizes besides standard production.

The standard diameter of the wire used in basket production is 1 mm and mesh distance is 4 mm. But this distance can also be arranged according to the special demands. Besides, AYGÜN manufactures fine mesh baskets for small instruments, laundry baskets and endoscopic baskets. These baskets can also be produced in demanded sizes and mesh distances.

Please contact our company for any special production basket.







Code

K3-761

Dimension

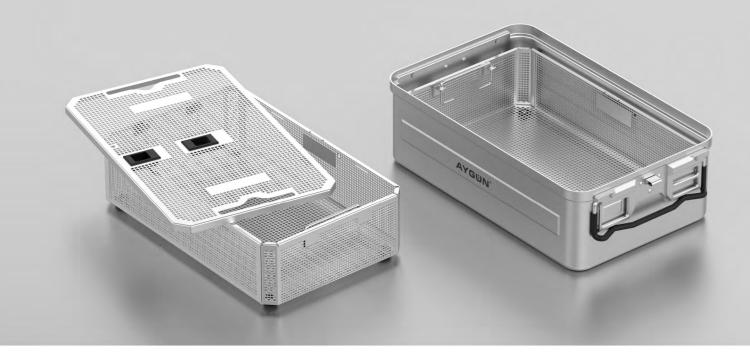
487 x 256 x 4 mm

Code

K3-760

Dimension

542 x 256 x 4 mm









For 1/2 Models



AYGU	W

Code	Outside Dimension
K3-748	405 x 253 x 40 mm
K3-749	405 x 253 x 60 mm
K3-750	405 x 253 x 80 mm
K3-751	405 x 253 x 110 mm

Outside Dimension
244 x 253 x 40 mm
244 x 253 x 60 mm
244 x 253 x 80 mm
244 x 253 x 110 mm







Code	Outside Dimension

Code	Outside Dimension
K3-762	407 x 256 x 4 mm

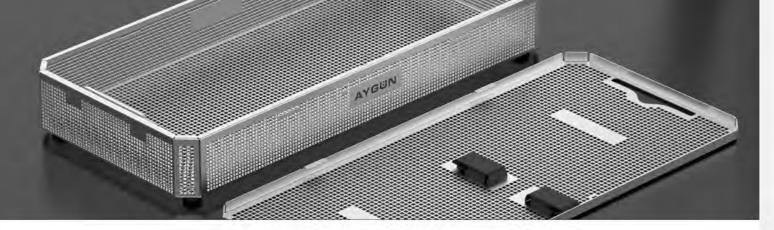
Code	Outside Dimension
K3-763	247 x 256 x 4 mm

For Extra Long Models		
L.	Box Stand Height: 10 mm	
Code	Outside Dimension	
K3-711	665 x 253 x 40 mm	
K3-712	665 x 253 x 60 mm	
K3-713	665 x 253 x 80 mm	
K3-714	665 x 253 x 110 mm	

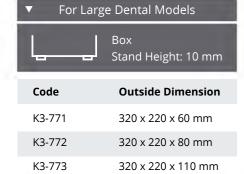
For Extra Long Models	
	<b>Lid</b>
Code	Outside Dimension
K3-710	667 x 256 x 4 mm

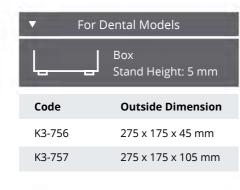


For Extra Large Models	
<b>-</b> -	Lid
Code	Outside Dimension
K3-709	539 x 346 x 4 mm

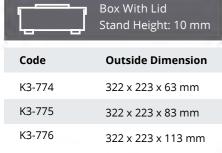


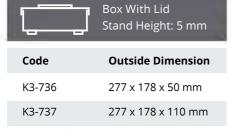






•	For	Mini Models
<u>L</u>	J	Box Stand Height: 5 mm
Code		Outside Dimension
		265 x 125 x 55 mm
K3-758		203 X 123 X 33 IIIIII

















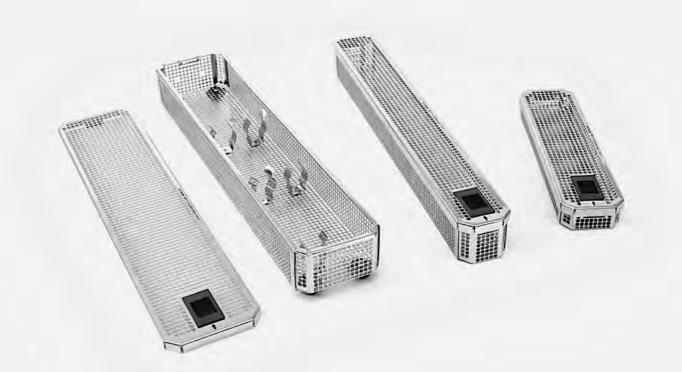


#### Stand

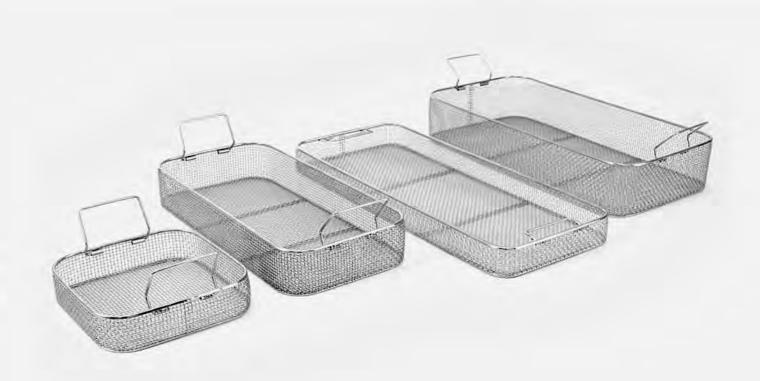








Our wire mesh and perforated sheet baskets can be manufactured in any size.



Please contact for detailed information



Code	Outside Dimension
K3-787	138 x 124 x 48 mm

Without silicone fixation systems



Code	Outside Dimension
K3-788	146 x 46 x 28 mm

Without silicone fixation systems



Code	Outside Dimension
K3-789	86 x 46 x 28 mm

Without silicone fixation systems Bottom 2 mm, lid 4 mm perforation



Code	Outside Dimension
K3-780K	274 x 180 x 34 mm

Basket with silicone fixation systems Holds 17 instruments with Ø 5 mm



Code	Outside Dimension
K3-780	274 x 180 x 32 mm

Without silicone fixation systems



K3-786K 191 x 1	30 x 36 mm

Basket with silicone fixation systems Holds 12 instruments with Ø 5 mm



Code	Outside Dimension
K3-786	191 x 130 x 34 mm

Without silicone fixation systems



Code	Outside Dimension
K3-781K	274 x 180 x 44 mm

Basket with silicone fixation systems Holds 17 instruments with Ø 5 mm



Code	Outside Dimension
K3-781	274 x 180 x 42 mm
K3-782	274 x 180 x 62 mm

Without silicone fixation systems



Code	Outside Dimension
K3-790K	186 x 72 x 24 mm

Tray with silicone fixation system. Holds 5 instruments.



Code	Outside Dimension
K3-791K	186 x 99 x 24 mm

Tray with silicone fixation system. Holds 7 instruments.



Code	Outside Dimension
K3-783K	274 x 88 x 46 mm

Basket with silicone fixation systems Holds 8 instruments with Ø 5 mm



Code	Outside Dimension
K3-784K	240 x 76 x 30 mm

Basket with blue silicone mat



Code	Outside Dimension
K3-792K	186 x 137 x 24 mm

Tray with silicone fixation system. Holds 10 instruments.



Code	Outside Dimension
K3-793K	286 x 192 x 34 mm

Tray with silicone fixation system. Holds 20 instruments.



Code	Outside Dimension
K3-785K	188 x 86 x 36 mm

Basket with silicone fixation systems Holds 8 instruments with Ø 5 mm



	Code	Outside Dimensio
#/	K3-785	188 x 86 x 32 mm

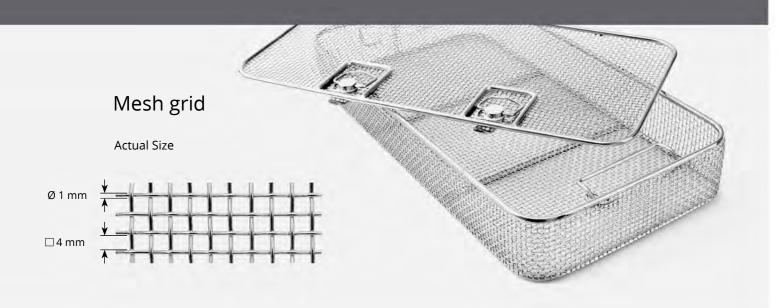
Basket with blue silicone mat

#### **AYGUN**®

▼ BASKET MADE FROM
STAINLESS STEEL WIRE MESH

#### **BASKETS**

STERILE CONTAINER SYSTEMS



For 1/2 Models



Code	Outside Dimension
K2-490	246 x 246 x 30 mm
K2-491	246 x 246 x 50 mm
K2-492	246 x 246 x 70 mm
K2-493	246 x 246 x 100 mm

, <u>-</u>	Lid
Code	Outside Dimension
K3-1045	246 x 246 mm





Code	Outside Dimension
K2-1500	405 x 245 x 30 mm
K2-1501	405 x 245 x 50 mm
K2-1502	405 x 245 x 70 mm
K2-1503	405 x 245 x 100 mm

	Lid
Code	Outside Dimension
K3-1034	405 x 245 mm

For 1/1 Models



Code	Outside Dimension
K2-450	480 x 245 x 30 mm
K2-451	480 x 245 x 50 mm
K2-452	480 x 245 x 70 mm
K2-453	480 x 245 x 100 mm





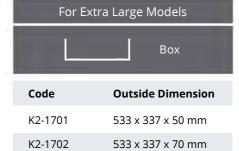


Code	Outside Dimension
K2-460	540 x 245 x 30 mm
K2-461	540 x 245 x 50 mm
K2-462	540 x 245 x 70 mm
K2-463	540 x 245 x 100 mm





Code	Outside Dimension
K3-2000	323 x 222 x 50 mm
K3-2001	323 x 222 x 70 mm
K3-2002	323 x 222 x 100 mm



533 x 337 x 100 mm







K2-1703



	Lid
Code	Outside Dimension
K3-1807	665 x 250 x 5 mm

**BASKETS** 

STERILE CONTAINER SYSTEMS

Mesh Grid

Actual Size

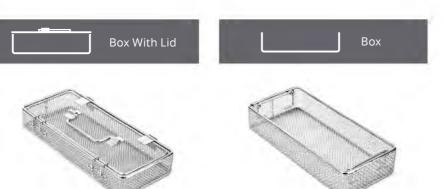
□2 mm

Ø 0,5





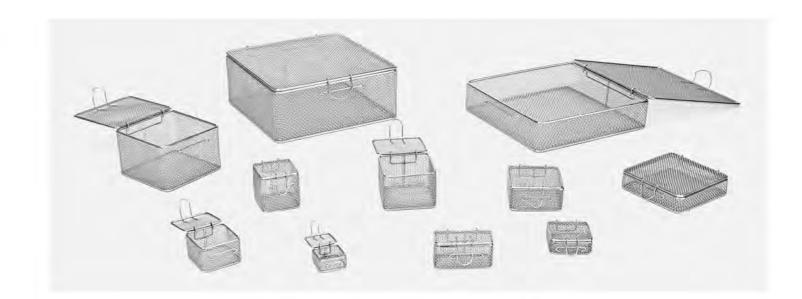




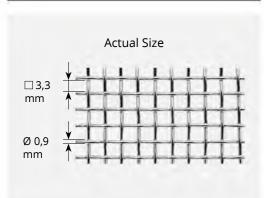




**AYGUN**®

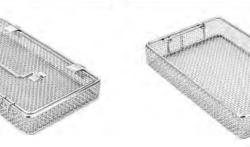






Mesh Grid





Code

Code	Outside Dimension
K3-611	270 x 175 x 45 mm

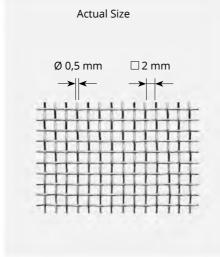


K3-1070 270 x 170 x 38 mm

**Outside Dimension** 

Box

#### Mesh Grid



Code	Outside Dimension
K3-1100	30 x 30 x 30 mm
K3-1101	40 x 40 x 20 mm
K3-1102	40 x 40 x 40 mm
K3-1103	60 x 60 x 20 mm
K3-1104	60 x 60 x 40 mm
K3-1105	60 x 60 x 60 mm
K3-1106	80 x 80 x 20 mm
K3-1107	80 x 40 x 40 mm
K3-1108	80 x 80 x 40 mm

п	100		
Ì	Code	Outside Dimension	
	K3-1109	80 x 80 x 60 mm	
	K3-1110	80 x 80 x 80 mm	
	K3-1111	100 x 100 x 10 mm	
	K3-1112	120 x 120 x 30 mm	
	K3-1113	120 x 120 x 60 mm	
	K3-1114	120 x 120 x 80 mm	
	K3-1115	240 x 240 x 30 mm	
	K3-1116	240 x 240 x 60 mm	
	K3-1117	240 x 240 x 80 mm	
	K3-1118	240 x 240 x 100 mm	

Box With Lid







Code	Outside Dimension

175 x 153 x 35 mm

K2-995



Code	Outside Dimension
K3-1079	175 x 144 x 30 mm

#### WIRE BASE



Code	Outside Dimension
K2-440	545 x 255 x 30 mm



Code	Outside Dimension
K2-1522	405 x 255 x 30 mm



Code	Outside Dimension
K2-482	255 x 255 x 30 mm



#### LAUNDRY BASKETS



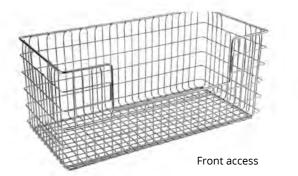
Code	Outside Dimension
K3-1080	600 x 400 x 150 mm
K3-1081	600 x 400 x 300 mm



Code	Outside Dimension
K3-1085	600 x 400 x 150 mm
K3-1086	600 x 400 x 300 mm

#### STE BASKETS





Code	Outside Dimension
K3-1206	575 x 280 x 135 mm
K3-1207	575 x 280 x 265 mm

Code	Outside Dimension
K3-1208	575 x 280 x 265 mm

#### WIRE NET BASKETS



Code	Outside Dimension
K3-1200	250 x 170 x 70 mm
K3-1201	340 x 250 x 70 mm
K3-1202	450 x 340 x 70 mm

#### LID FOR WIRE NET BASKETS



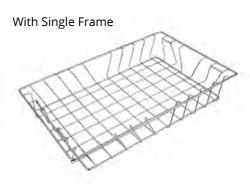
Code	Outside Dimension
K3-1203	250 x 170 mm
K3-1204	340 x 250 mm
K3-1205	450 x 340 mm

#### SPRI BASKETS



Double Frame with Folding Handle

Code	Outside Dimension
K3-1210	585 x 395 x 100 mm
K3-1211	585 x 395 x 195 mm



Code	Outside Dimension
K3-1230	600 x 300 x 40 mm
K3-1231	600 x 300 x 50 mm
K3-1232	600 x 300 x 100 mm
K3-1233	600 x 300 x 130 mm
K3-1234	600 x 300 x 150 mm
K3-1235	600 x 300 x 180 mm
K3-1236	600 x 300 x 200 mm
K3-1237	600 x 400 x 100 mm
K3-1238	600 x 400 x 130 mm
K3-1239	600 x 400 x 150 mm
K3-1240	600 x 400 x 180 mm
K3-1241	600 x 400 x 200 mm



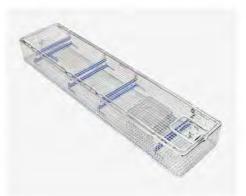




-
Outside Dimension
670 x 80 x 52 mm
460 x 80 x 52 mm

290 x 80 x 52 mm

K3-1052



Code	Outside Dimension
K3-1062	640 x 150 x 77 mm



Code	Outside Dimension
K3-1119	245 x 130 x 55 mm



Code	Outside Dimension
K3-1120	245 x 130 x 70 mm





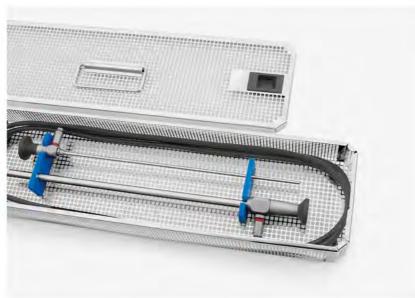
304 ss wire mesh

Actual Size

Ø 1 mm

□4 mm

Code	Outside Dimension
K3-1054	492 x 134 x 55 mm
K3-1055	492 x 134 x 65 mm

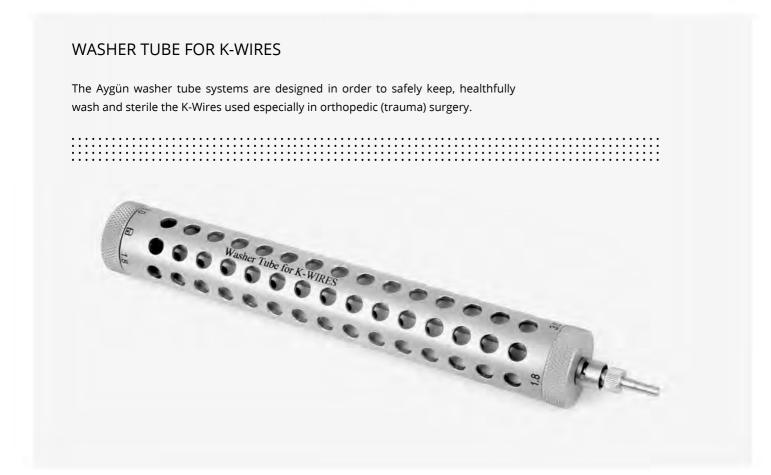




Code	Outside Dimension
K3-1121	245 x 130 x 105 mm



▼ WASHER TUBE FOR K-WIRES





Code	Outside Dimension
K4-1051	460 x 100 x 64 mm

K-Wires stainless steel basket with lid.



Code	Outside Dimension
K4-1052	265 x 72 x 64 mm

K-Wires stainless steel basket with lid.

#### **WASHER TUBE FOR K-WIRES**

The Aygün washer tube systems are designed in order to safely keep, healthfully wash and sterile the K-Wires used especially in orthopedic (trauma) surgery.

The Aygün washer tubes systems have a special design for getting maximum efficiency.

The dividing part inside the tube provides protection of 4 different diameter wires without intermixing.

With the help of inner tube placed in the middle of the divider, the high pressure water coming of the washer machine flows from inside to outside.

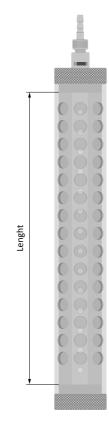
By this way, the wires inside the tube are washed by inside-out and outside-in flow and the disinfection process is completed efficiently.







- ► The system has 2 different lenghts as option.
- ▶ Every tube has 4 different tanks for 4 different diameter wires.
- ► The system has been designed suitable for 12 different diameter from 0,6 mm to 3 mm.



Codo	Lawaha	Switzhla Wina Diamatana
Code	Lenght	Suitable Wire Diameters
KA-100	150 mm	Ø 0,60 mm Ø 0,80 mm Ø 1,00 mm Ø 1,20 mm
KB-100	150 mm	Ø 1,25 mm Ø 1,40 mm Ø 1,50 mm Ø 1,60 mm
KC-100	150 mm	Ø 1,80 mm Ø 2,00 mm Ø 2,50 mm Ø 3,00 mm
KLA-100	300 mm	Ø 0,60 mm Ø 0,80 mm Ø 1,00 mm Ø 1,20 mm
KLB-100	300 mm	Ø 1,25 mm Ø 1,40 mm Ø 1,50 mm Ø 1,60 mm
KLC-100	300 mm	Ø 1,80 mm Ø 2,00 mm Ø 2,50 mm Ø 3,00 mm

STERILE CONTAINER SYSTEMS

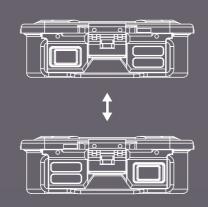
# **ACCESSORIES**

### **MODULAR AUTO LOCK MECHANISM**

#### What Is Auto Lock Mechanism

Auto lock mechanism is a heat-sensitive automatic locking system developed in order to ease sterilization control by R&D department. Modular auto lock system designed to be usable with different container systems.

This system has been developed in accordance with the requirements of sterilization to be used in a steam autoclave for our container systems. Auto lock is a system designed in reusable property instead of disposable plastic products that are used as security locks in containers. The system has been tested in our own facilities 5000 cycles and has successfully passed al tests. Minimum expected life of the system is 5000 sterilizations. During this time system is usable without the need for any maintenance or service.



# AYGUN Code K1-900 (2 pcs) AYGUN 146

#### **How does Auto Lock Mechanism Work?**

The average temperature in the autoclave during sterilization is at the level of 135 ° C degrees.

As the temperature in the autoclave begins to rise above 100 degrees, automatic locking mechanism located on the box is activated. When the mechanism is activated, the red movable locking shaft in it is going forward (Picture 1). When the movable locking shaft is going forward, it blocks the locking mechanism in lid and so it prevents uncontrolled opening of the lid.

The process of the system becoming inactive is as following: After sterilization process has been completed and container has been removed from the autoclave, the container and Auto Lock system are allowed to cool between 5 and 10 minutes. Then the red movable locking shaft is pushed back with the help of fingers (Picture 3). Thus, lid closure of the container ceases to be blocked and comes to opened position.

When the container enters into each sterilization, these processes are repeated in the same manner.

When the user sees that Auto Lock mechanism is activated (Picture 1), he/she can understand that the container has entered to the sterilization process. If Auto lock mechanism is inactive (Picture 2), it means that this container has been previously opened.

#### **What Are The Advantages Of Modular Auto Mechanism?**

Because of system being reusable, it is more economical when you compare with plastic security seal usage.

System is modular, so it can be usable with different brand products. In this reason, so many users can make use of system advantages.

After the usage of disposable products, plastic material harms the nature. Because of reusable property of auto lock mechanism and because of recycling raw material inside, system does not harm the nature.

Disposable products have many disadvantages such as purchasing, storage and inventory tracking. Auto Lock mechanism saves the user from this workload and cost.

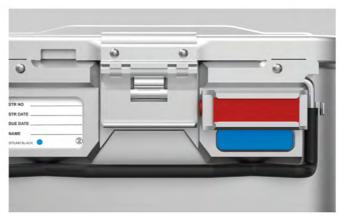
Disposable products must be attached to the (2) container(s) prior to each sterilization and this leads to loss of time for the employees.

Auto Lock Mechanism removes the difficulties faced during the use of security seals. In breakdown condition, because of product is not fixed on the container, system can be easily serviceable or changeable so container does not needs replacing.

Picture 1 (Closed Position)



Picture 2



WARNING: It's possible to move the movable shaft with only the effect of temperature. It's not possible under normal conditions to activate (to be brought into locked position) lock mechanism.

Picture 3



Picture 4

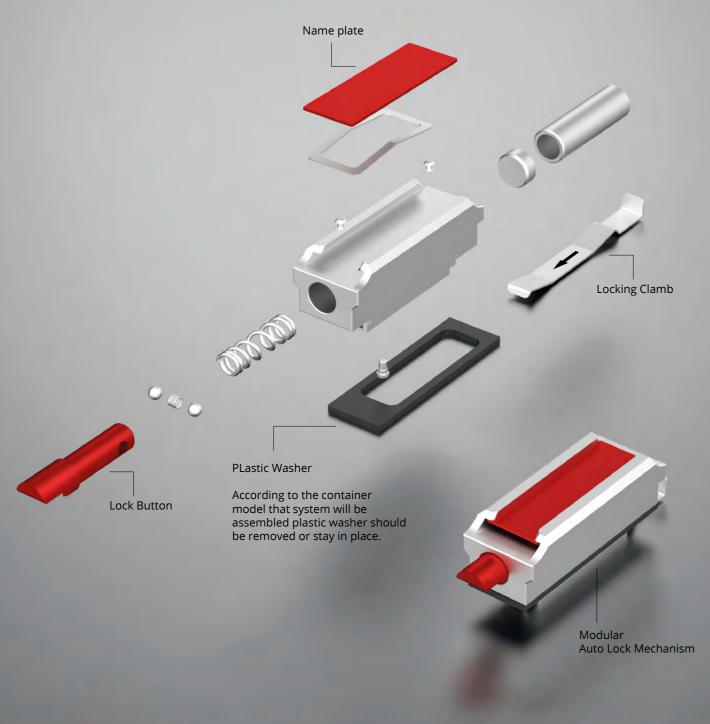


All our container systems with Auto Lock mechanism are designed to be used also with plastic security seal when necessary (Picture 4).

## MODULAR AUTO LOCK MECHANISM

TÜRK PATENT ENSTİTÜSÜ No: a2012 00715

DEUTSCHES PATENT Nr. 20 2013 100 251.8







# Assembly And Disassembly Of Modular **Auto Lock Mechanism**

Picture 1



Locking clamp should be removed from the groove before assembly.

Picture 2



Then it should be placed to the container label part as shown picture.

Picture 3



When you sure that product is snug, locking clamp should be placed through the arrow direction.





Please be sure that locking stamp is forwarded to the end of the clamp groove and it is locked.



Lock mechanism should be in open position for the disassembly process (Picture 2).

<u>It is not possible</u> to make disassembly on closed position (Picture 1).

When you sure that lock mechanism is on open position, locking clamp can be removable by pulling backward through the reverse direction of the locking direction.

# WINDOW FOR EMULATING INDICATOR

We continue to produce solution for the sterilization management requirements with our 25 years of experience in medical industry. For this purpose, we have developed emulating indicator window for the sterile container systems.

#### Aim Of The Window For Emulating Indicator

Emulating indicators are used for the load sterilization monitorization while surgical instruments are loaded to containers in central sterilization services department (CSSD).

During standard container usage it is not possible to see indicator results without opening the lid. When set is decided to use in surgery if result is negative and also if there is no alternative set, surgery is delaying and problems occurs in implementations.

Result of the emulating indicator can observed after cycle easily from the window on the container case. In negative conditions, sterilization processes are repeated before send set to usage. By this way waste of time prohibited and it can help to avoid troubles before start.

# THE NO CONT. STREET CONT. Laminectomy Street Stree







#### **Window For Emulating Indicator**

- ► Transparent PPSU polymer material is used on window part of the system which is suitable to autoclave. PPSU polymer material has resistance to scoring and impact also it is a special material which has heat resistance up to 330°
- ▶ Silicon joint is used between window and box to avoid sterilization risk inside the container and security is provided %100 by 4 pieces rivet connection.
- ▶ All other parts used in the system is manufactured from anodized aluminum and stainless steel.
- ▶ Indicator is designed to place the box from two directions. Also there is a spring mechanism to immobilize indicator because of the pressure inside the indicator placed sections. This spring mechanism and the immobilization property from the two side of indicator are provided to use different branded indicators to use in this system together.



TÜRK PATENT ENSTİTÜSÜ No: 2014-GE-49085

#### **Usage Of Window For Emulating Indicator**

Emulating indicator before placing materials to sterilize inside the box for the sterilization purpose is placed inside the box as below.

When you placed indicator band inside the box, you should be sure that placed references and indicator should appears. You should specify the suitable position by reciprocating motions or rotating reverse the indicator band.

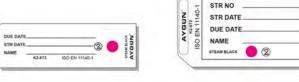
After you placed indicator band fairly, you can start sterilization process by placing materials to sterilize after closing the lid.

# **ACCESSORIES**

STERILE CONTAINER SYSTEMS



#### Label (Papers)



**Code** K2-673 100 pcs. With indicator.

For small size and special containers



100 pcs. With indicator.

For full and Half size containers



#### **Identification Labels** (Aluminium)



Coloured identification labels Engraved to your specifications Maximum 16 letters

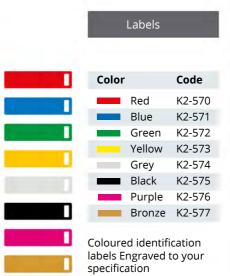
or		Code
	Red	K2-700
	Blue	K2-701
	Green	K2-702
	Yellow	K2-703
	Grey	K2-704
	Black	K2-705
í	Purple	K2-706
	Bronze	K2-707

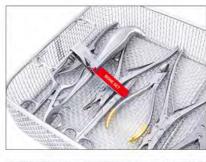


#### **Identification** (Aluminium)

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











Code K2-663 Blue

100 pcs. with indicator. made of plastic



Code K2-664 Blue 100 pcs. made of plastic



Code K2-662 Red

100 pcs. with indicator. made of plastic



Code K2-660 Red

100 pcs. made of plastic



Code K2-661 Blue

100 pcs. with number. made of plastic



Code K2-665 Red

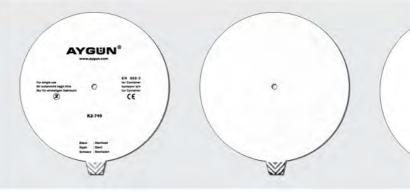
100 pcs. with number. made of plastic



**AYGUN**®







**Code** K2-740

Diameter 184 mm

Single use 100 pcs with indicator. Aygun mark. **Code** K2-741

Diameter 184 mm

with indicator. No marking.

Single use 100 pcs

**Code** K2-742 Diameter 194 mm

> Number of sterilization cycle > 2000

**Code** K2-745

Diameter 90 mm

Number of sterilization cycle > 2000 to be used with K1-970

### ▼ PLASMA MODEL ACCESSORIES

\* STERRAD is a registered trademark owned by Johnson & Johnson Company.

#### **SECURITY SEAL**



#### Code K2-663Z Blue

100 pcs. with indicator.

For hydrogen peroxide plasma sterilization

#### LABEL



**Code** K2-673Z

100 pcs. with indicator. For hydrogen peroxide plasma sterilization

**Code** K2-672Z

100 pcs. with indicator. For hydrogen peroxide plasma sterilization

#### FILTERS for hydrogen peroxide plasma sterilization



**Code** K2-741Z

Diameter: 184 mm

Single use 100 pcs. for hydrogen peroxide plasma sterilization



**Code** K3-615Z

Dimension: 165 x 235 mm

for hydrogen peroxide plasma sterilization



**Code** K2-761Z

Dimension: 230 x 120 mm

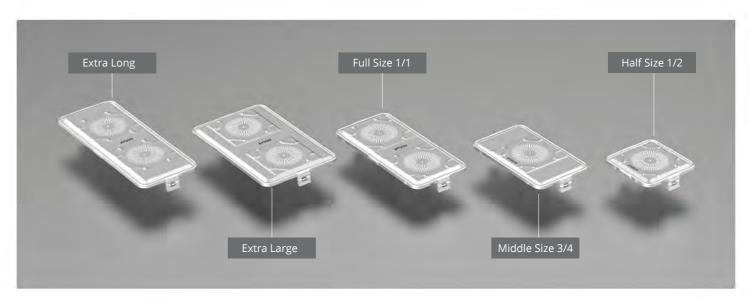
for hydrogen peroxide plasma sterilization



#### **Code** K2-780Z

Dimension: 130 x 110 mm

for hydrogen peroxide plasma sterilization



## Paper Filter Paper Filter Teflon Filter For Dental Model



**Code** K3-612 Dimension 165 x 235 mm

Single use 100 pcs with indicator. Aygun mark.



**Code** K3-615 Dimension 165 x 235 mm

Single use 100 pcs with indicator. No marking.



**Code** K2-743 Dimension 150 x 233 mm

Number of sterilization cycle > 2000



#### Paper Filter Paper Filter Teflon Filter For MiniModel



**Code** K2-760

Dimension 230 x 120 mm

Single use 100 pcs with indicator. Aygun mark.



**Code** K2-761

Dimension 230 x 120 mm

Single use 100 pcs with indicator. No marking.



**Code** K2-744

Dimension 215 x 100 mm

Number of sterilization cycle > 2000



#### Paper Filter Paper Filter Teflon Filter For 1/2 Dental Model



**Code** K2-781 Dimension 130 x 130 mm

Single use 100 pcs with indicator. Aygun mark.



**Code** K2-780

Dimension 130 x 130 mm

Single use 100 pcs with indicator. No marking.



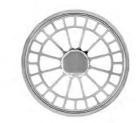
**Code** K2-782

Dimension 130 x 130 mm

Number of sterilization cycle > 2000



#### FILTER RETAINER & DISPENSER



**Code** K2-720

Diameter 186 mm

Filter Retainer, for 1/1, 3/4, 1/2, Extra large, Extra long, Large dental



**Code** K2-722

Diameter 186 mm

Filter Retainer, for all A1 models





**Code** K2-730

Dimension 200 x 200 x 64 mm

Filter Dispenser



#### **Code** K2-1715

Dimension 247 x 172 mm

Filter Retainer, for Dental model





**Code** K2-1708

Dimension 250 x 177 x 40 mm

Filter Dispenser



#### **Code** K2-1716

Dimension 243 x 120 mm

Filter Retainer, for Mini model





#### **Code** K2-1709

Dimension 250 x 127 x 53 mm

Filter Dispenser



#### Code K2-1717

Dimension 162 x 144 mm

Filter Retainer, for 1/2 Dental model

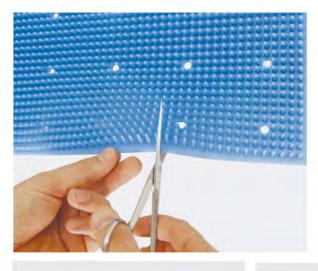




#### **Code** K2-1710

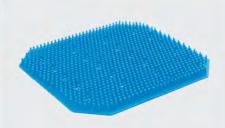
Dimension 169 x 151 x 53 mm

Filter Dispenser







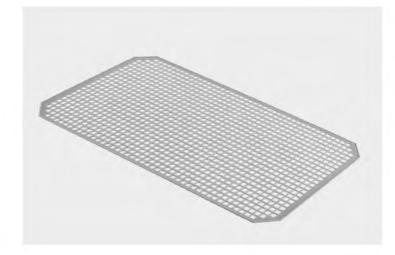




Code	Dimension
K2-519	160 x 135 mm
K2-520	275 x 125 mm
K2-521	250 x 235 mm
K2-522	340 x 230 mm (2 pcs)
K2-523	300 x 300 mm
K2-524	380 x 230 mm

Code	Dimension
K2-525	440 x 230 mm
K2-526	520 x 230 mm
K2-527	230 x 220 mm
K2-528	475 x 230 mm
K2-529	260 x 180 mm
K2-532	280 x 200 mm

#### SILICONE MESH MATS



Code	Dimension	
K2-530	250 x 240 mm	
K2-531	485 x 250 mm	
K2-533	534 x 247 mm	
K2-534	395 x 245 mm	
K2-535	527 x 335 mm	
K2-536	658 x 247 mm	

Silicone Mesh Mat, Enables surgical instruments to be stored without slip and dry well.





Model	Size
Large Dental Silicone Gasket	118 cm
1/2 Dental Silicone Gasket	72 cm
Mini Silicone Gasket	77 cm
Dental Silicone Gasket	89 cm
Flat Silicone Gasket	101 cm
1/2 Silicone Gasket	101 cm
3/4 Silicone Gasket	136 cm
1/1 Silicone Gasket	158 cm
Extra Large Silicone Gasket	180 cm
Extra Long Silicone Gasket	185 cm
Endo Silicone Gasket	130 cm
	Large Dental Silicone Gasket  1/2 Dental Silicone Gasket  Mini Silicone Gasket  Dental Silicone Gasket  Flat Silicone Gasket  1/2 Silicone Gasket  3/4 Silicone Gasket  1/1 Silicone Gasket  Extra Large Silicone Gasket  Extra Long Silicone Gasket



Code	Outside Dimension
K3-1090	502 x 255 x 130 mm

#### Rack, for endoscopy

- Holds 10 endoscopic instruments
- Fits into a 1/1 size 20 cm deep container
- Wire basket 1/1 50 mm
- Container 1/1 200 mm
- Silicone mat 520 x 230 mm

Code	Outside Dimension
K3-1093	555 x 255 x 130 mm

#### Rack, for endoscopy

- 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)





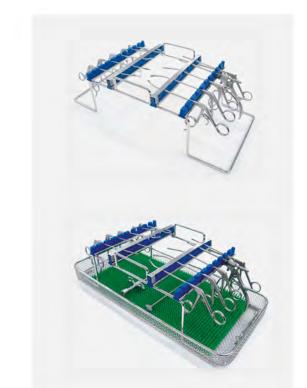




Code	Outside Dimension
K3-1092	515 x 250 x 165 mm

#### Rack, for artroscopy

- Holds 20 artroscopy punches
- Fits into a 1/1 size 20 cm deep container
- •Wire basket 1/1 50 mm
- Container 1/1 200 mm
- Silicone mat 440 x 230 mm





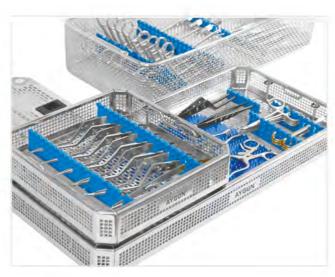
Code	Outside Dimension	
K3-1094	220 x 250 x 160 mm	

#### Rack, for kerrison

- 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
- Wire basket Extra long 50 mm
- Container 1/2 200 mm
- Container 1/1 200 mm
- Container Extra long 180 mm









MANAMANA

Code	Lenght
K1-1601	250 x 9 mm
K1-1602	158 x 9 mm
K1-1603	123 x 9 mm
K1-1604	97 x 9 mm
K1-1605	73 x 9 mm
K1-1606	23,5 x 9 mm

Can be manufactured in any size demanded

Code	Lenght
K1-1601	250 x 9 mm
K1-1602	158 x 9 mm
K1-1603	123 x 9 mm
K1-1604	97 x 9 mm
K1-1605	73 x 9 mm
K1-1606	23,5 x 9 mm

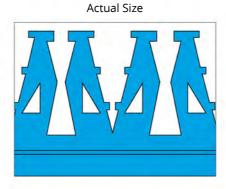
With rail, screw and nut

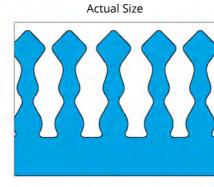
Code	Lenght	Height
K12-100	250 mm	45 mm
K12-101	152 mm	45 mm
K12-102	125 mm	45 mm
K12-145	97 mm	45 mm

With rail, screw and nut

Code	Lenght	Height
K12-109	238 mm	45 mm
K12-110	158 mm	45 mm
K12-111	112 mm	45 mm
K12-148	77 mm	45 mm









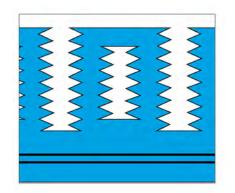
With rail, screw and nut

**ACCESSORIES** 

STERILE CONTAINER SYSTEMS

Code	Lenght	Height
K12-106	238 mm	45 mm
K12-107	150 mm	45 mm
K12-108	119 mm	45 mm
K12-147	87 mm	45 mm



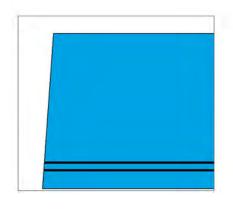




With rail, screw and nut

Code	Lenght	Height
K12-103	240 mm	45 mm
K12-104	150 mm	45 mm
K12-105	120 mm	45 mm
K12-146	90 mm	45 mm

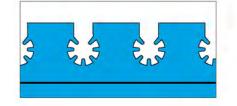
Actual Size





Instruments holder, from Ø 3 to 8 mm With rail, screw and nut Code Height Lenght K12-112 178 mm 24 mm

**Actual Size** 

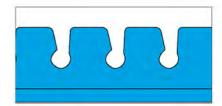




Lenght Height K12-113 73 mm 24 mm

Instruments holder, Ø 5 mm With rail, screw and nut



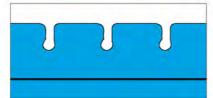




Instruments holder, Ø 3 mm With rail, screw and nut



#### **Actual Size**





Code

Code

K12-126

K12-142

Instruments holder, Ø 5 mm With rail, screw and nut

**ACCESSORIES** 

STERILE CONTAINER SYSTEMS



Lenght

40 mm

Lenght

Ø 10,5 mm With rail, screw and nut

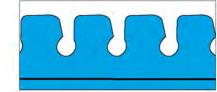
23.5 mm 25 mm

Height

25 mm

Height







Code

K12-114 73 mm

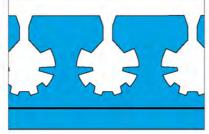
Instruments holder, from Ø 3 to 15 mm With rail, screw and nut

Code	Lenght	Height
K12-115	178 mm	34 mm

Lenght Height

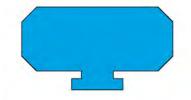
24 mm





Actual Size



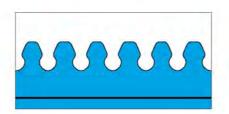




With rail, screw and nut

Code	Lenght	Height
K12-116	121 mm	22 mm

Actual Size



Actual Size





Code	Lenght	Height
K12-127	23.5 mm	25 mm

Ø 8 mm With rail, screw and nut

**Actual Size** 

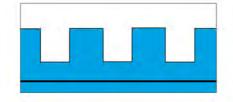




With rail, screw and nut

Code	Lenght	Height
K12-117	123 mm	22 mm

Actual Size



Code	Lenght	Height
K12-128	23.5 mm	25 mm

Ø 13 mm With rail, screw and nut

Actual Size

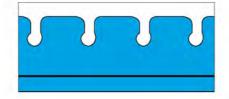




Instruments holder, from Ø 3 mm With rail, screw and nut

Code	Lenght	Height
K12-124	178 mm	24 mm

Actual Size





Code	Lenght	Height
K12-129	23.5 mm	25 mm

Ø 5 mm With rail, screw and nut

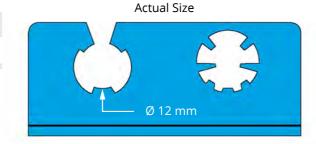
Actual Size

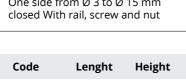




#### Code Lenght Height K12-130 72 mm 34 mm

Endoscope holder, double One side Ø 12 mm open One side from Ø 3 to Ø 15 mm



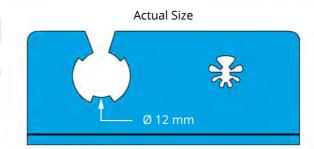


72 mm

34 mm

Endoscope holder, double One side Ø 12 mm open One side from Ø 3 to Ø 8 mm closed With rail, screw and nut

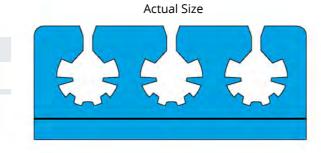
K12-141





Code	Lenght	Height
K12-131	72 mm	34 mm

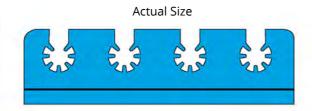
Instruments holder from Ø 3 to Ø 15 mm With rail, screw and nut





Code	Lenght	Height
K12-13	2 72 mm	24 mm

Instruments holder, from Ø 3 to Ø 8 mm With rail, screw and nut





Code	Lenght	Height
K12-133	38 mm	24 mm

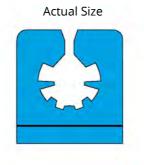
Endoscope holder, double one side from Ø 3 to Ø 8 mm With rail, screw and nut

	Acti	ual Size
E	250	£.3



Code	Lenght	Height
K12-134	28 mm	34 mm

Endoscope holder, single one side Ø 12 mm open one side from Ø 3 to Ø 15 mm With rail, screw and nut





**ACCESSORIES** 

STERILE CONTAINER SYSTEMS

Code	Lenght	Height
K12-135	38 mm	33 mm

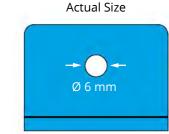
Endoscope holder, Ø 4 mm closed With rail, screw and nut





Code	Lenght	Height
K12-136	38 mm	33 mm

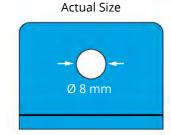
Endoscope holder, Ø 6 mm closed With rail, screw and nut





Code	Lenght	Height
K12-137	38 mm	33 mm

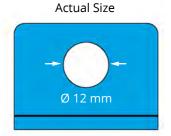
Endoscope holder, Ø 8 mm closed With rail, screw and nut





Code	Lenght	Height
K12-138	38 mm	33 mm

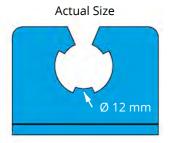
Endoscope holder, Ø 12 mm closed With rail, screw and nut





Code	Lenght	Height
K12-139	38 mm	33 mm

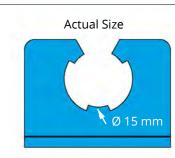
Endoscope holder, Ø 12 mm closed With rail, screw and nut





Code	Lenght	Height
K12-140	38 mm	33 mm

Endoscope holder, Ø 15 mm closed With rail, screw and nut





K2-651 K2-650 Holding

Holding pin for



K2-588 Fixation clamp



K2-646 DIVIDER 130 x 20 mm 50 x 20 mm



K2-647 DIVIDER

225 x 20 mm

DIVIDER 460 x 20 mm

K2-648



**Outside Dimension** 

K2-600 40 x 5 x 18 mm

DIVIDER (use with K2-601 and K2-602)



**Outside Dimension** 

K2-601 230 x 26 mm K2-602 470 x 26 mm

Sliding rails with securing screws



Code **Outside Dimension** K2-604 230 x 26 mm K2-605 470 x 26 mm

Limiting bar, with security screws



Code **Outside Dimension** 233 x 30 mm K2-607

Spiral holding device



Code **Outside Dimension** 116 x 30 mm K2-609

#### **HOLDERS & DIVIDERS**

K2-645

DIVIDER



pin for divider

K2-580 Ø 7 - 12 mm K2-581 Ø 12 - 16 mm



K2-582 Ø 16 - 26 mm



K2-583 Ø 26 - 36 mm



K2-584 Ø 36 - 45 mm





Code	Outside Dimension
K8-508	98 x 43 x 44 mm

Rack for 24 burrs with shanks Ø 2.35 mm



Code	Outside Dimension
K8-509	163 x 103 x 40 mm

Rack for 15 pcs of instruments

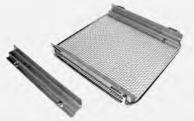


Code	Outside Dimension
K8-511	218 x 22 x 54 mm

Rack for 12 pcs of instruments













Code	Outside Dimension
K2-615	112 x 18 mm
K2-616	172 x 18 mm

K2-617 232 x 18 mm

K2-618 472 x 18 mm

Code	Outside Dimension
K2-622	233 x 30 mm

Spiral holding



Code	Outside Dimension
K2-625	126 x 30 mm

Spiral holding



Spiral holding



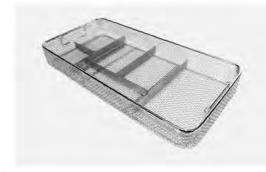


Code	Outside Dimension
K8-190	218 x 45 x 52 mm

Tiltable holding device for 6 micro heads











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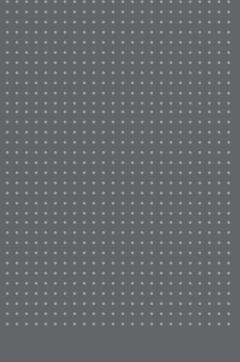
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