# Sterilization Container Systems



#### safe, secure, sterilized

Protecting Your Instruments Every Time

5 Different Models

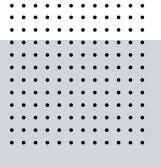












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# STERILIZATION CONTAINER SYSTEMS CUSTOM MADE PRODUCTS

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.

We move our customers one step further; All of our products are branded and supplied with our company logo or your company logo by laser marking according to your request, depending on the OEM agreement.

Our products are marked, signed, numbered and adjusted according to your company's requirement. The products which are marked according to your company's requirement establish a strong, permanent bond in traceability and receive feedback between your company and your customers.



## **STERILIZATION CONTAINER SYSTEMS**

Hermann Müller manufactures sterilization container systems in medical industry since 1988 and releases the quality that takes human health under best protection. Hermann Müller sterilization container systems are made of special alloy - 2mm high quality raw material and serviced to the whole world as 5 different models and 8 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, Hermann Müller sterilization container systems also generate a great return on investment. Hermann Müller 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**

#### STERILIZATION CONTAINER SYSTEMS

As you know, there are two general methods for the sterilization and protection of surgical instruments: singleuse 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**

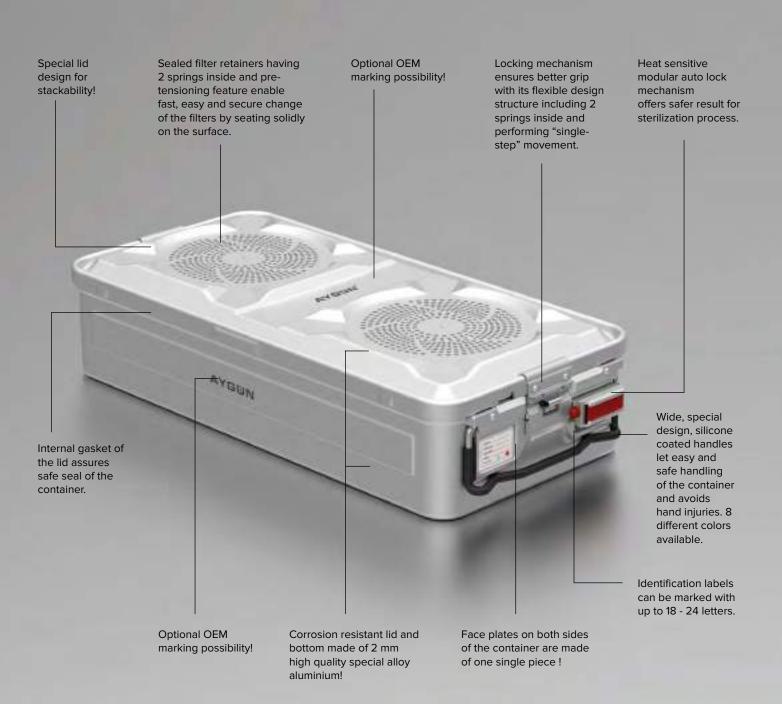
## **DIMENSIONS**

Hermann Müller sterilization container systems, with most general point of view, are separated into 5 different dimension groups as  $\frac{1}{2}$ ,  $\frac{3}{4}$ ,  $\frac{1}{1}$ , Extra Large and Extra Long models. Additionally, we can supply smaller models like Dental and Mini Sterilization Containers.

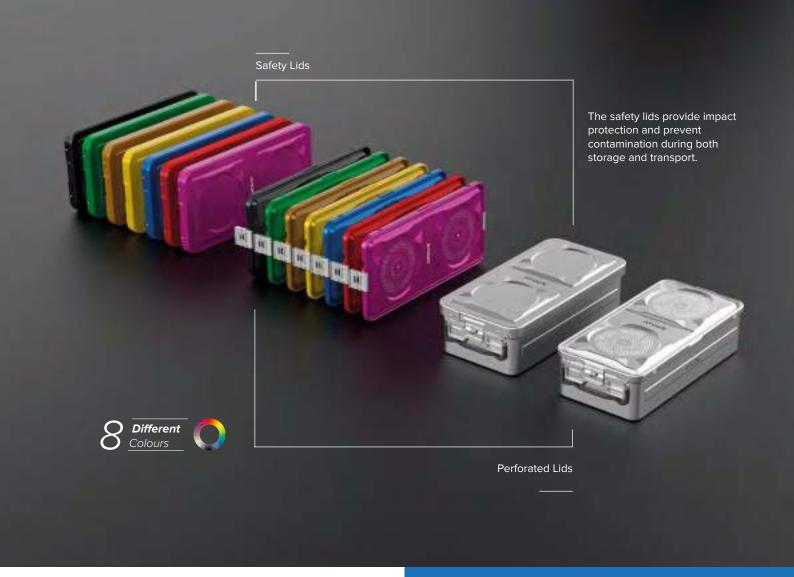


## LID & BASE SPECS

## 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

| ion                        | Packing Steam sterilization procedure acc. to DIN 58946, part   |  |                       | :1                      |                                   |                                 |                                 |
|----------------------------|---|--|-----------------------|-------------------------|-----------------------------------|---------------------------------|---------------------------------|
| Sterilization<br>container | Description   | Symbolic<br>representation<br>and packing system | Gravitation procedure | Pre-vacuum<br>procedure | Fractional<br>vacuum<br>procedure | Fractional<br>flow<br>procedure | Steam<br>injection<br>procedure |
|                            | Textiles in sterilization container with filter in lid  |  | +                     | +                       | +                                 | +                               | +                               |
|                            | and bottom acc. to<br>DIN 58952 part 1  |  | 0                     | 0                       | +                                 | +                               | +                               |
|                            | Textiles in sterilization container with filter in lid,   |  | _                     | _                       | +                                 | +                               | +                               |
|                            | bottom not perforated acc.to<br>DIN 58952 part 1  |  | _                     | _                       | +                                 | +                               | 0                               |
|                            | Textiles in sterilization container with filter in  | <u>[                                    </u>     | 0                     | +                       | +                                 | +                               | +                               |
| 3-F)                       | bottom lid,not perforated acc.to DIN 58952 part 1   |  | _                     | 0                       | +                                 | +                               | +                               |
| with filters (StB-F)       | Instruments in wire basket acc. to DIN 58952 part III, in sterilization container with filter in lid and bottom acc. to DIN 58952 part 1                | []   | <b>+</b> 3)           | +                       | +                                 | +                               | +                               |
|                            | Instruments in wire basket acc. to DIN 58952 part III, in sterilization container with filter in lid and bottom not perforated acc. to DIN 58952 part 1 | []   | -                     | <b>+</b> <sup>2)</sup>  | <b>+</b> <sup>2)</sup>            | <b>+</b> <sup>2)</sup>          | <b>+</b> <sup>2)</sup>          |
|                            | Instruments in wire basket<br>acc. to DIN 58952 part III,<br>in sterilization container with<br>filter in bottom acc.<br>to DIN 58952 part 1            | []   | 0                     | +                       | +                                 | +                               | +                               |
|                            | Textiles in sterilization container with valves in lid  |  | -                     | 0                       | +                                 | +                               | 0                               |
|                            | and bottom acc. to<br>DIN 58952 part 1  |  | _                     | _                       | +                                 | +                               | 0                               |
| with Valves (StB-V)        | Textiles in sterilization container with valves in lid  |  |                       | _                       | +                                 | +                               | _                               |
| γ Valves                   | no valves on the bottom   |  | _                     | _                       | +                                 | +                               | _                               |
| wit                        | Instruments in wire basket in sterilization container with valve in lid and bottom  |  |                       | <b>+</b> 2)             | <b>+</b> 2)                       | <b>+</b> <sup>2)</sup>          | <b>+</b> 2)                     |
|                            | Instruments in wire basket in sterilization container with valve in lid and not perforated  | <u> </u>   | _                     | <b>+</b> 2)             | <b>+</b> 2)                       | <b>+</b> <sup>2)</sup>          | <b>+</b> 2)                     |

Explanation of symbols: + applicable - not applicable

O limited application

<sup>1)</sup> 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.

<sup>2)</sup> Only sterilization containers guaranteeing evaporation or discharge of condensate are suitable above.

<sup>3)</sup> 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 Hermann Müller 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 Hermann Müller provides a universal solution for sterilization supply of CSSDs





#### STANDARD PLUS

# STERILIZATION 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 Hermann Müller. 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



#### **Dimensions**



1/2 Half Size 3/4 Quarter Size 1/1 Full Size Extra Large Size Extra Long Size

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## **STANDARD PLUS**

STERILIZATION CONTAINER SYSTEMS

## 1/1 Full Size

#### **Box Types**



Box (Perforated)







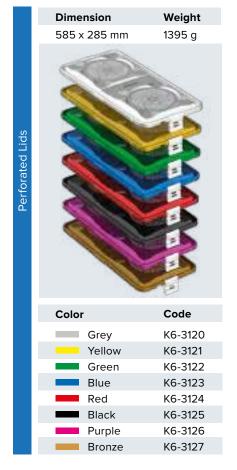
| Code   | Outside Dimension  | Inside Dimension   | Weight |
|--------|--------------------|--------------------|--------|
| K6-105 | 600 x 272 x 96 mm  | 543 x 258 x 90 mm  | 1945 g |
| K6-106 | 600 x 272 x 116 mm | 543 x 258 x 110 mm | 2100 g |
| K6-107 | 600 x 272 x 138 mm | 543 x 258 x 132 mm | 2255 g |
| K6-108 | 600 x 272 x 190 mm | 543 x 258 x 184 mm | 2655 g |
| K6-109 | 600 x 272 x 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 x 116 mm | 543 x 258 x 99 mm  | 2360 g |
| K6-102 | 600 x 272 x 138 mm | 543 x 258 x 121 mm | 2520 g |
| K6-103 | 600 x 272 x 190 mm | 543 x 258 x 173 mm | 2975 g |
| K6-104 | 600 x 272 x 235 mm | 543 x 258 x 218 mm | 3355 g |











STERILIZATION CONTAINER SYSTEMS

## 3/4 Quarter Size

#### **Box Types**



Box (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 |
|        |                    |                    |        |









## **STANDARD PLUS**

STERILIZATION CONTAINER SYSTEMS

#### 1/2 Half Size

#### **Box Types**



Box (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 |





| Coc | le  | 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 |









## **STANDARD PLUS**

STERILIZATION CONTAINER SYSTEMS

## Extra Large Size

#### **Box Types**



Box (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 |
|        |                    |                    |        |









STERILIZATION CONTAINER SYSTEMS

## Extra Long Size

#### **Box Types**



Box (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 |
|         |                    |                    |        |







#### **BIO BARRIER**

# STERILIZATION CONTAINER SYSTEMS



Hermann Müller 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.

Hermann Müller 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 (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 (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

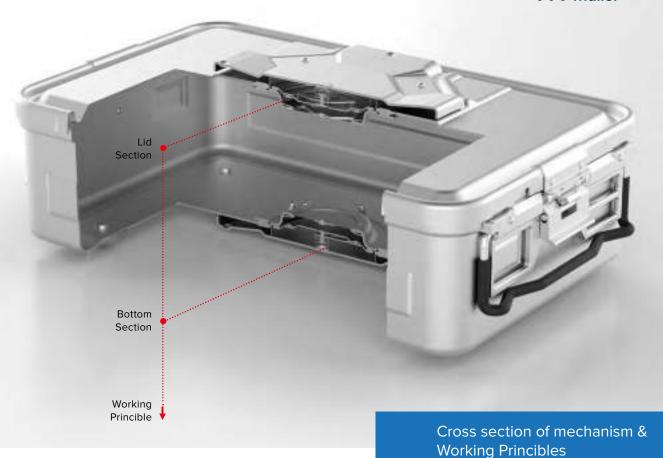
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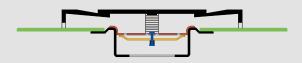


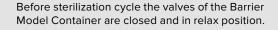
#### Barrier Mechanism Parts

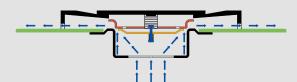
Barrier model containers are composed of a "mechanical filtering system". The valves inside this filtering system have three different positions during the sterilization cycle which are called relax position, pre-sterilization and post-sterilization. It can be used at least 5000 cycles.



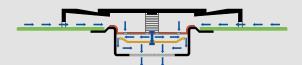




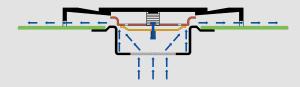




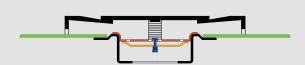
At the beginning of the sterilization cycle, by the effect of vacuum the valves are opened completely and dry air goes out of the container.



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.

## **BIO BARRIER**

# STERILIZATION CONTAINER SYSTEMS

## 1/1 Full Size

#### **Box Types**



Box (With Barrier)







| 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 x 116 mm | 543 x 258 x 110 mm | 2100 g |
| K6-107 | 600 x 272 x 138 mm | 543 x 258 x 132 mm | 2255 g |
| K6-108 | 600 x 272 x 190 mm | 543 x 258 x 184 mm | 2655 g |
| K6-109 | 600 x 272 x 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 x 128 mm | 543 x 258 x 76 mm  | 2840 g |
| K7-102 | 600 x 272 x 150 mm | 543 x 258 x 98 mm  | 2940 g |
| K7-103 | 600 x 272 x 197 mm | 543 x 258 x 150 mm | 3390 g |
| K7-104 | 600 x 272 x 247 mm | 543 x 258 x 195 mm | 3780 g |







## **BIO BARRIER**

STERILIZATION CONTAINER SYSTEMS

## 3/4 Quarter Size

#### **Box Types**



Box (With Barrier)







| 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 |
|        |                    |                    |        |







### **BIO BARRIER**

## STERILIZATION 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 185 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 |







### **BIO BARRIER**

STERILIZATION 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 |
|        |                    |                    |        |







### **BIO BARRIER**

STERILIZATION 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 |
|---------|--------------------|--------------------|--------|
| 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 |
|         |                    |                    |        |











Hermann Müller 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. Hermann Müller B3 model sterilization container systems can be used with 3 different filtering mechanisms.

PTFE > Valve > Biostop

**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 Hermann Müller which is placed in a cassette

**Valve system**: Valve system is modernized new model of Hermann Müller 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.

**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.

Hermann Müller 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.

**Box Types** 



Box (With System)



Box (Non Perforated)

#### **Standard Heights**



110 mm

135 mm

150 mm

200 mm

260 mm



#### **Dimensions**



1/2 Half Size3/4 Quarter Size1/1 Full SizeExtra Large SizeExtra Long SizePage 52 -53Page 50 -51Page 48 -49Page 54 -55Page 56 -57

# **Filtering**Systems

**VALVE**System





hermann müller Mechanism Parts

# **Filtering** Systems

**PTFE**System





Mechanism Parts

# **Filtering** Systems

**BIO-STOP**System ppsu





# **Filtering**Systems

**BIO-STOP** 

System aluminium





hermann müller **BIO-STOP** System aluminium

Mechanism Parts



### 1/1 Full Size

#### **Box Types**



Box (With System)



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 x 116 mm | 543 x 258 x 110 mm | 2100 g |
| K6-107 | 600 x 272 x 138 mm | 543 x 258 x 132 mm | 2255 g |
| K6-108 | 600 x 272 x 190 mm | 543 x 258 x 184 mm | 2655 g |
| K6-109 | 600 x 272 x 235 mm | 543 x 258 x 229 mm | 3100 g |









Outside Dimension : 600 x 272 Inside

**Inside Dimension:** 543 x 258



Code

K8-100P

K8-101P

K8-102P

K8-103P

K8-104P



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

| ode   | BIO-STOP .                                 |
|-------|--|
| -100V | ppsu                                       |
| -101V |  |
| -102V | Constant of                                |
| -103V |  |
| -104V | <b>Code</b> : K1-995 <b>Weight</b> : 237 g |

| Code    |
|---------|
| K8-100B |
| K8-101B |
| K8-102B |
| K8-103B |
| K8-104B |

| BIO-STOP >                                     |
|--|
|  |
|  |
| <b>Code</b> : K1-990A<br><b>Weight</b> : 430 g |

| Code out | side / insid | le 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<br>system | VALVE<br>system | BIO-STOP<br>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 2   | 85 mm            |                    |

#### Safety Lids



| Colo | r             | Code     |
|------|---------------|----------|
|      | Grey          | K6-230   |
|      | Yellow        | K6-231   |
|      | Green         | K6-232   |
|      | Blue          | K6-233   |
|      | Red           | K6-234   |
|      | Black         | K6-235   |
|      | Purple        | K6-236   |
|      | Bronze        | K6-237   |
|      | Weight: 10    | 50 g     |
| Dim  | ension: 606 > | c 288 mm |



#### 3/4 Quarter Size

#### **Box Types**



Box (With System)



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

**PTFE** system **Code**: K1-970 Weight: 155 g

Code K8-300P K8-301P K8-302P K8-303P

**VALVE** system Code: K1-980 Weight: 165 g

Code K8-301V K8-303V

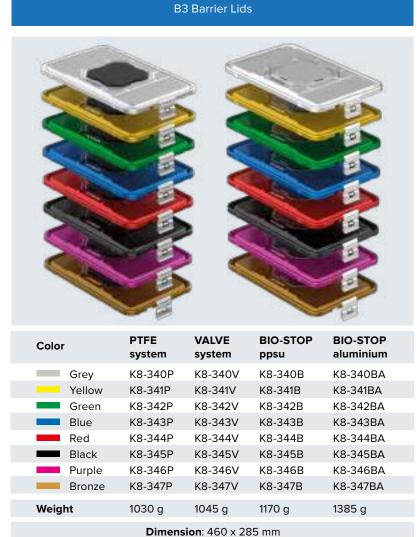
BIO-STOP . ppsu K8-300V K8-302V Code: K1-995 Weight: 237 g

Code K8-300B K8-301B K8-302B K8-303B

BIO-STOP ▶ aluminium Code: K1-990A Weight: 430 g

Code outside / inside 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





#### Safety Lids Color Code K6-410 Grey Yellow K6-411 Green K6-412 Blue K6-413 Red K6-414 Black K6-415 Purple K6-416 Bronze K6-417 Weight: 900 g Dimension: 483 x 290 mm



#### 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

**PTFE** system Code: K1-970 Weight: 155 g

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

**VALVE** system Code: K1-980 Weight: 165 g

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

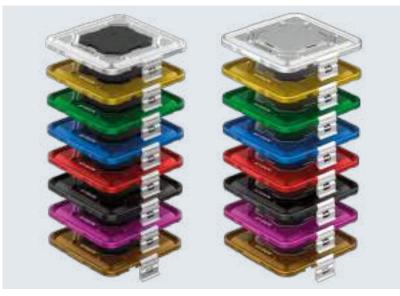
BIO-STOP . ppsu Code: K1-995 Weight: 237 g

Code K8-600B K8-601B K8-602B K8-603B K8-604B Weight: 430 g

BIO-STOP ▶ Code outside / inside height aluminium K8-600BA 110 mm 63 mm K8-601BA 130 mm 81 mm K8-602BA 150 mm 101 mm K8-603BA 200 mm 153 mm Code: K1-990A K8-604BA 250 mm 199 mm



#### B3 Barrier Lids



| Color  | PTFE<br>system | VALVE<br>system | BIO-STOP<br>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             |
|        | Dimens         | ion: 295 x 28   | 30 mm            |                    |

#### Safety Lids



| Colo                    | r      | 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 |
| <b>Weight :</b> 610 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**:  $600 \times 365$  **Inside Dimension**:  $543 \times 350$ 

PTFE system

Code: K1-970

Weight: 155 g

Code Syst K8-700P K8-701P Cook Wei

VALVE system

Code: K1-980
Weight: 165 g

**Code**K8-700V
K8-701V

ppsu

Code: K1-995

Weight: 237 g

K8-700B K8-701B BIO-STOP aluminium

Code: K1-990A

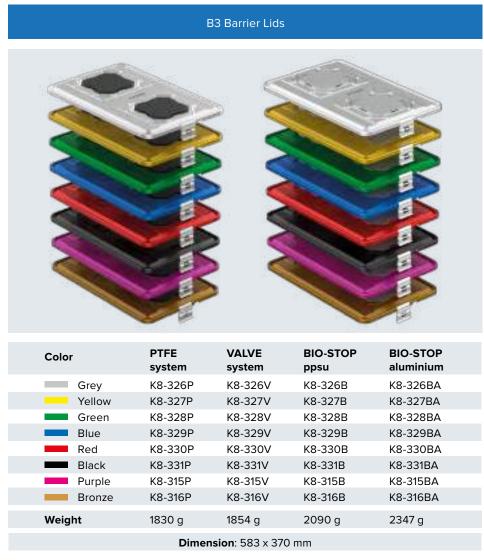
Weight: 430 g

Code outside / inside height

K8-700BA 120 mm 69 mm

K8-701BA 180 mm 131 mm







## Extra Long Size

#### **Box Types**



Box (With System)



Box (Non Perforated)





| Outside Dimension  | Inside Dimension                         | Weight   |
|--------------------|--|--|
| 725 x 275 x 127 mm | 670 x 260 x 121 mm                       | 2446 g   |
| 725 x 275 x 134 mm | 670 x 260 x 128 mm                       | 2503 g   |
| 725 x 275 x 191 mm | 670 x 260 x 185 mm                       | 2974 g   |
|                    | 725 x 275 x 127 mm<br>725 x 275 x 134 mm | 725 x 275 x 127 mm 670 x 260 x 121 mm<br>725 x 275 x 134 mm 670 x 260 x 128 mm |









**Outside Dimension :**  $725 \times 275$  **Inside Dimension :**  $670 \times 260$ 

system

Code: K1-970
Weight: 155 g

**Code**K8-2000P

K8-2001P

K8-2002P

VALVE system

Code: K1-980
Weight: 165 g

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

BIO-STOP ppsu

Code: K1-995
Weight: 237 g

K8-2000B K8-2001B K8-2002B BIO-STOP aluminium

Code: K1-990A

Weight: 430 g

 Code outside / inside height

 K8-2000BA 138 mm
 95 mm

 K8-2002BA 145 mm
 102 mm

 K8-2001BA 203 mm
 163 mm





#### WINDOW MODEL

## STERILIZATION CONTAINER SYSTEMS

Hermann Müller window model sterilization container system is 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 resistant against high temperature, impacts, scratches, deformation, discoloration and chemicals and it opens users a way to visually check inside of the sterilization container without opening the lid. The window model lids assures great tightness due to its special assembly method and the gasket system in it. As there is no filtering mechanism on the lid, window model sterilization container boxes strictly must be bottom perforated. Either single use paper or 2000 cycles PTFE Teflon Filters can be used in the box. In order to allow the air flow and reach

to perfect steam penetration the filtering mechanism of this model must have enough 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 Hermann Müller boxes and lids are compatible with each other.

Hermann Müller window 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 Wire Base)



#### Standard Heights



111 mm

131 mm

153 mm

205 mm

260 mm





#### Dimensions







1/1 Full Size

Page 60 -61

3/4 Quarter Size

Page 62 -63

1/2 Half Size

Page 64 -65

## **WINDOW MODEL**

STERILIZATION CONTAINER SYSTEMS

1/1 Full Size

## **Box Types**



Box (With Wire Base)







#### Box (With Wire Base)



| Code    | Outside Dimension  | Inside Dimension   | Weight |
|---------|--------------------|--------------------|--------|
| K6-100D | 600 x 272 x 111 mm | 543 x 258 x 66 mm  | 2935 g |
| K6-101D | 600 x 272 x 131 mm | 543 x 258 x 82 mm  | 3095 g |
| K6-102D | 600 x 272 x 153 mm | 543 x 258 x 104 mm | 3255 g |
| K6-103D | 600 x 272 x 197 mm | 543 x 258 x 156 mm | 3710 g |
| K6-104D | 600 x 272 x 250 mm | 543 x 258 x 201 mm | 4090 g |

#### Window Lids



| Color       | Code      | Color            | Code    |
|-------------|-----------|------------------|---------|
| Grey        | K6-120D   | Red              | K6-124D |
| Yellow      | K6-121D   | ■■ Black         | K6-125D |
| Green       | K6-122D   | Purple           | K6-126D |
| Blue        | K6-123D   | Bronze           | K6-127D |
| Dimension 6 | 502 x 285 | mm <b>Weight</b> | 1305 a  |

## **WINDOW MODEL**

STERILIZATION CONTAINER SYSTEMS

## 3/4 Quarter Size

### **Box Types**



Box (With Wire Base)







#### Box (With Wire Base)



| Code    | Outside Dimension  | Inside Dimension   | Weight |
|---------|--------------------|--------------------|--------|
| KE 300D | 475 x 272 x 111 mm | 422 v 259 v 66 mm  | 2260 a |
|         |                    |                    | J      |
| K6-301D | 475 x 272 x 131 mm | 422 x 258 x 82 mm  | 2450 g |
| K6-302D | 475 x 272 x 153 mm | 422 x 258 x 104 mm | 2585 g |
| K6-303D | 475 x 272 x 200 mm | 422 x 258 x 151 mm | 3040 g |

#### Window Lids



| Color  | Code    | Color    | Code    |
|--------|---------|----------|---------|
| Grey   | K6-340D | Red      | K6-344D |
| Yellow | K6-341D | ■■ Black | K6-345D |
| Green  | K6-342D | Purple   | K6-346D |
| Blue   | K6-343D | Bronze   | K6-347D |
|        |         |          |         |

**Dimension** 477 x 285 mm **Weight** 1020 g

## **WINDOW MODEL**

STERILIZATION CONTAINER SYSTEMS

## 1/2 Half Size

## **Box Types**



Box (With Wire Base)







#### 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 |

#### Window Lids



| Color       | Code        | Color            | Code    |
|-------------|-------------|------------------|---------|
| Grey        | K6-630D     | Red              | K6-634D |
| Yellow      | K6-631D     | Black            | K6-635D |
| Green       | K6-632D     | Purple           | K6-636D |
| Blue        | K6-633D     | Bronze           | K6-637D |
| Dimension 3 | 312 x 280 n | nm <b>Weight</b> | 736 g   |

#### **PLASMA MODEL**

## LOW TEMPERATURE STERILIZATION CONTAINER SYSTEMS

Hermann Müller 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.

Hermann Müller 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)

#### **Standard Heights & Dimensions**









110 mm

135 mm

150 mm

200 mm







1/1 Full Size

3/4 Quarter Size

1/2 Half Size

Page 68 - 69



#### **Special Models**



| ENDO MODEL   | MINI MODEL | DENTAL MODEL | 1/2 DENTAL MODEL |
|--------------|------------|--------------|------------------|
| Page 72 - 73 |            | Page 70 - 71 |                  |

### **PLASMA MODEL**

LOW TEMPERATURE
STERILIZATION CONTAINER SYSTEMS

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

**Box Types** 



Box (Perforated)



## 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 |

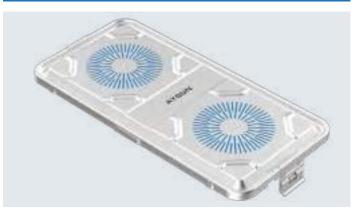


| Code    | Outside Dimension  | Inside Dimension   | Weight |
|---------|--------------------|--------------------|--------|
| K6-300Z | 475 x 272 x 96 mm  | 422 x 258 x 78 mm  | 1795 g |
| K6-301Z | 475 x 272 x 116 mm | 422 x 258 x 99 mm  | 1885 g |
| K6-302Z | 475 x 272 x 138 mm | 422 x 258 x 121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

#### Perforated Lid



| 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   |

#### **PLASMA MODEL**

LOW TEMPERATURE
STERILIZATION CONTAINER SYSTEMS

Mini Model Dental Model 1/2 Dental Model

**Box Types** 









Box (Perforated)





#### Perforated Lid



| 3 10 |
|------|
|      |

| 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  |

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





| 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 a    |





| Code     | <b>Outside Dimension</b> | 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    |

### **PLASMA MODEL**

LOW TEMPERATURE
STERILIZATION CONTAINER SYSTEMS

**Endo Model** 

**Box Types** 



Box (Perforated)







# DENTAL, MINI & SPECIAL MODELS

## STERILIZATION CONTAINER SYSTEMS

As an addition to all standard sizes, Hermann Müller also provides smaller containers like Mini, Large Dental, Dental,  $\frac{1}{2}$  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



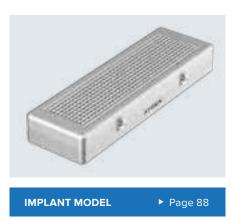
















### **LARGE DENTAL**

## STERILIZATION CONTAINER SYSTEMS

### **Box Types**

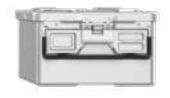


Box (Non Perforated)

#### **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 |
|         |                    |                    |        |
|         |                    |                    |        |









### **DENTAL MODEL**

## STERILIZATION CONTAINER SYSTEMS

#### **Box Types**



Box (With Barrier)



Box (Perforated)



Box (Non Perforated)

### **Standard Heights**









55 mm

70 mm

100 mm

135 mm





| 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  |
|         |                    |                    |        |





| 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

## STERILIZATION CONTAINER SYSTEMS





Box (Perforated)



Box (Non Perforated)

#### **Standard Height Dimensions**







63 mm 100 mm 130 mm





| 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**

## STERILIZATION CONTAINER SYSTEMS

### **Box Types**



Box (Perforated)



Box (Non Perforated)











| Code    | <b>Outside Dimension</b> | Weight |
|---------|--------------------------|--------|
| K6-1100 | 528 x 145 x 66 mm        | 690 g  |
| K6-1101 | 528 x 145 x 88 mm        | 885 g  |







### **MINI MODEL**

## STERILIZATION CONTAINER SYSTEMS

#### **Box Types**



Box (With Barrier)



Box (Perforated)



Box (Non Perforated)

### **Standard Heighs**







45 mm

70 mm

100 mm

2 dimension Bio Barrier Options





| Code    | Outside Dimension | Inside Dimension  | Weight |
|---------|-------------------|-------------------|--------|
| K6-1965 | 315 x 132 x 32 mm | 273 x 128 x 30 mm | 232 g  |
| K6-1966 | 315 x 132 x 63 mm | 273 x 128 x 58 mm | 315 g  |
| K6-1967 | 315 x 132 x 92 mm | 273 x 128 x 90 mm | 419 g  |
|         |                   |                   |        |





| Code    | Outside Dimension | Inside Dimension  | Weight |
|---------|-------------------|-------------------|--------|
| K6-1960 | 315 x 132 x 32 mm | 273 x 128 x 18 mm | 350 g  |
| K6-1961 | 315 x 132 x 63 mm | 273 x 128 x 48 mm | 440 g  |
| K6-1962 | 315 x 132 x 92 mm | 273 x 128 x 78 mm | 523 g  |
|         |                   |                   |        |





| Code    | Outside Dimension  | Inside Dimension  | Weight |
|---------|--------------------|-------------------|--------|
| K7-1961 | 315 x 132 x 73 mm  | 273 x 128 x 39 mm | 665 g  |
| K7-1962 | 315 x 132 x 102 mm | 273 x 128 x 71 mm | 769 g  |









### **FLAT MODEL**

## STERILIZATION CONTAINER SYSTEMS

#### **Box Types**



Box (With Barrier)



Box (Perforated)



Box (Non Perforated)

#### **Standard Heighs**





75 mm

2 dimension Bio Barrier Options

90 mm





| Code    | Outside Dimension | Inside Dimension  | Weight |
|---------|-------------------|-------------------|--------|
| K6-1775 | 295 x 270 x 60 mm | 258 x 260 x 56 mm | 650 g  |
| K6-1776 | 295 x 270 x 72 mm | 258 x 260 x 66 mm | 720 g  |





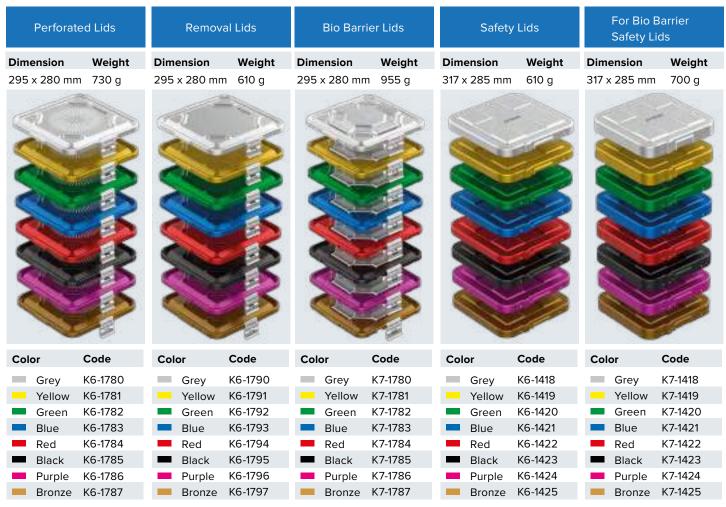
| Code    | Outside Dimension | Inside Dimension  | Weight |
|---------|-------------------|-------------------|--------|
| K6-1770 | 295 x 270 x 60 mm | 258 x 260 x 40 mm | 740 g  |
| K6-1771 | 295 x 270 x 72 mm | 258 x 260 x 52 mm | 825 g  |





| Code    | Outside Dimension | Inside Dimension  | Weight |
|---------|-------------------|-------------------|--------|
| K7-1770 | 295 x 270 x 72 mm | 258 x 260 x 37 mm | 964 g  |
| K7-1771 | 295 x 270 x 84 mm | 258 x 260 x 47 mm | 987 g  |





### **IMPLANT MODEL**

STERILIZATION CONTAINER SYSTEMS

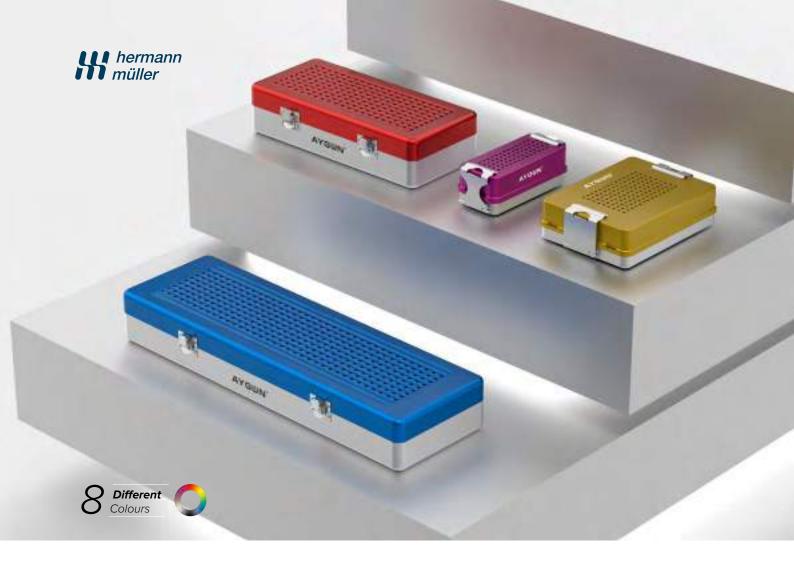
# L

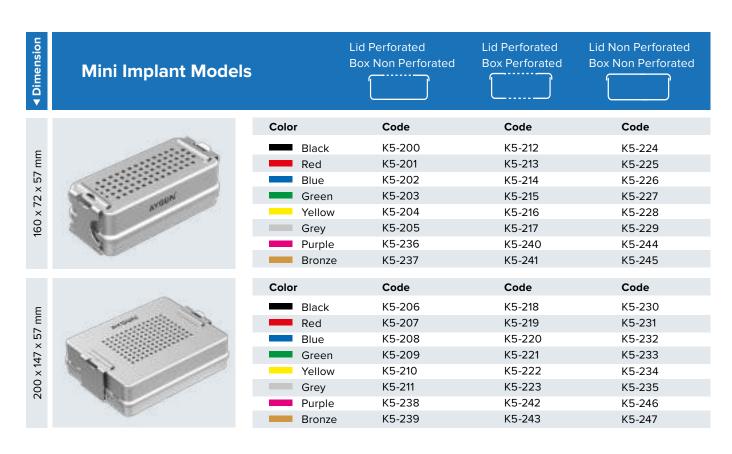
### **Box & Lids Types**

| Lid Perforated<br>Box Non Perforated | Lid Perforated<br>Box Perforated | Lid Non Perforated<br>Box Non Perforated |
|--------------------------------------|----------------------------------|--|
|                                      |                                  |  |

All container measurements cover the outer size of the lids.

| Implant Models |        | Lid Perforated<br>Box Non Perforated | Lid Perforated<br>Box Perforated | Lid Non Perforated<br>Box Non Perforated |
|----------------|--------|--------------------------------------|----------------------------------|--|
| 955            | Color  | Code                                 | Code                             | Code                                     |
| 100            | Black  | K5-010                               | K5-022                           | K5-034                                   |
|                | Red    | K5-011                               | K5-023                           | K5-035                                   |
|                | Blue   | K5-012                               | K5-024                           | K5-036                                   |
|                | Green  | K5-013                               | K5-025                           | K5-037                                   |
|                | Yellow | K5-014                               | K5-026                           | K5-038                                   |
| 8 000          | Grey   | K5-015                               | K5-027                           | K5-039                                   |
|                | Purple | K5-048                               | K5-052                           | K5-056                                   |
|                | Bronze | e K5-049                             | K5-053                           | K5-057                                   |
|                | Color  | Code                                 | Code                             | Code                                     |
|                | Black  | K5-016                               | K5-028                           | K5-040                                   |
|                | Red    | K5-017                               | K5-029                           | K5-041                                   |
|                | Blue   | K5-018                               | K5-030                           | K5-042                                   |
|                | Green  | K5-019                               | K5-031                           | K5-043                                   |
|                | Yellow | K5-020                               | K5-032                           | K5-044                                   |
|                | Grey   | K5-021                               | K5-033                           | K5-045                                   |
|                | Purple | K5-050                               | K5-054                           | K5-058                                   |
|                | Bronze | e K5-051                             | K5-055                           | K5-059                                   |





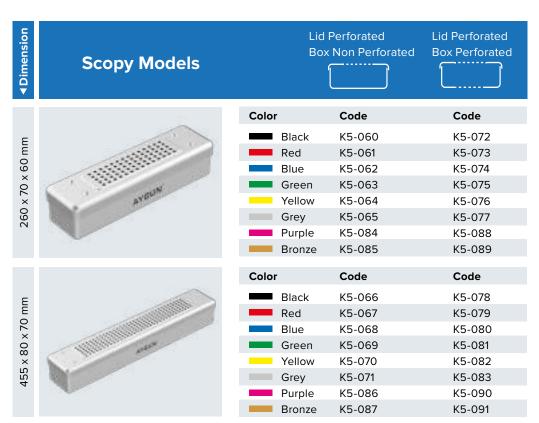
### **SCOPY MODEL**

## STERILIZATION CONTAINER SYSTEMS

### **Box & Lids Types**



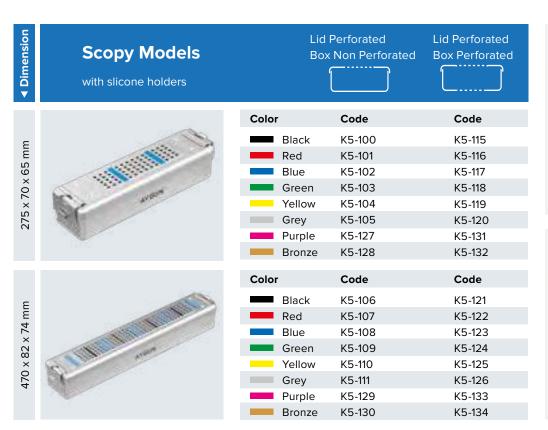
All container measurements cover the outer size of the lids.

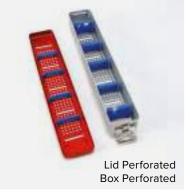














### **BASKETS**

The baskets are the main supplementary components of container systems and they are necessary for a full set container. Hermann Müller has focused on 2 main models in basket production. These models are wire basket and perforated sheet basket. Hermann Müller 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.

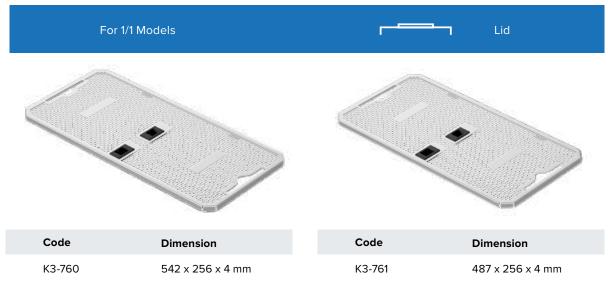
The standard diameter of the wire used in basket production is 1 mm and mesh distance is 4 mm. But this distance can also be arranged according to the special demands. Besides, Hermann Müller manufactures fine mesh baskets for small instruments, laundry baskets and endoscopic baskets. These baskets can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

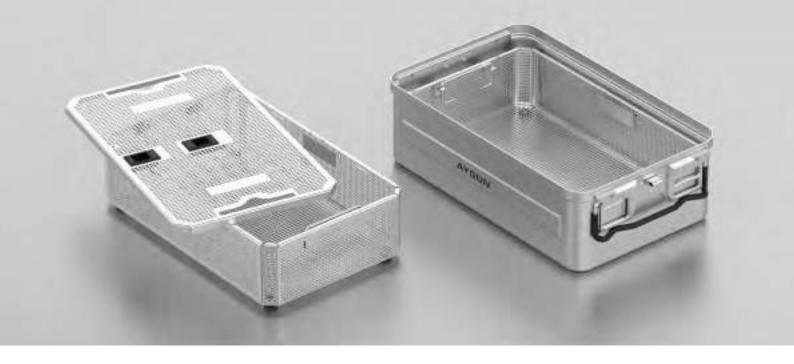
Please contact our company for any special production basket.















| Code   | 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 |





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





| Code   | Outside Dimension  |
|--------|--------------------|
| K3-752 | 244 x 253 x 40 mm  |
| K3-753 | 244 x 253 x 60 mm  |
| K3-754 | 244 x 253 x 80 mm  |
| K3-755 | 244 x 253 x 110 mm |





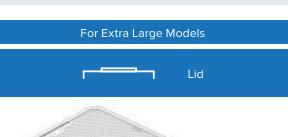
| Code   | Outside Dimension |
|--------|-------------------|
| K3-763 | 247 x 256 x 4 mm  |







| Code   | <b>Outside Dimension</b> |
|--------|--------------------------|
| K3-705 | 533 x 340 x 40 mm        |
| K3-706 | 533 x 340 x 60 mm        |
| K3-707 | 533 x 340 x 80 mm        |
| K3-708 | 533 x 340 x 110 mm       |





| Code   | Outside Dimension |
|--------|-------------------|
| K3-709 | 539 x 346 x 4 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 |





| Code   | Outside Dimension |
|--------|-------------------|
| K3-710 | 667 x 256 x 4 mm  |







| Code   | Outside Dimension  |
|--------|--------------------|
| K3-771 | 320 x 220 x 60 mm  |
| K3-772 | 320 x 220 x 80 mm  |
| K3-773 | 320 x 220 x 110 mm |





| Code   | <b>Outside Dimension</b> |
|--------|--------------------------|
| K3-770 | 322 x 223 x 4 mm         |

### For Dental Models Box Stand Height: 5 mm







| Code   | Outside Dimension |
|--------|-------------------|
| K3-764 | 277 x 178 mm      |

### For Mini Models Вох Stand Height: 5 mm



| Code   | Outside Dimension |
|--------|-------------------|
| K3-758 | 265 x 125 x 55 mm |





| Code   | Outside Dimension |
|--------|-------------------|
| K3-765 | 267 x 127 mm      |

#### **Stand**

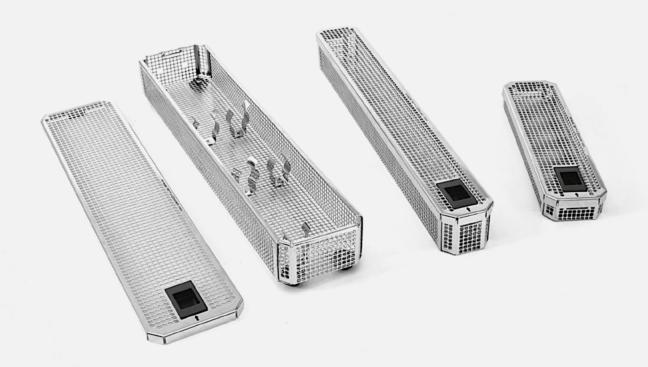




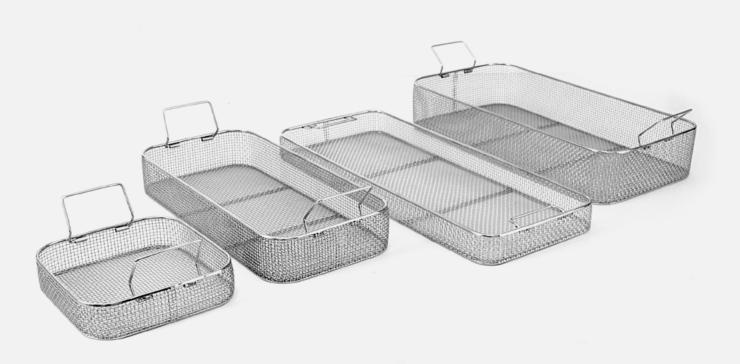








Our wire mesh and perforated sheet baskets can be manufactured in any size.



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 |
|---------|-------------------|
| K3-786K | 191 x 130 x 36 mm |

Basket with silicone fixation systems Holds 12 instruments with  $\emptyset$  5 mm



| Code   | Outside Dimension |
|--------|-------------------|
| K3-786 | 191 x 130 x 34 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 |
|---------|-------------------|
| K3-792K | 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 |
|---------|-------------------|
| K3-780K | 274 x 180 x 34 mm |

Basket with silicone fixation systems Holds 17 instruments with  $\emptyset$  5 mm



| Code   | Outside Dimension |
|--------|-------------------|
| K3-780 | 274 x 180 x 32 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 |
|---------|-------------------|
| K3-783K | 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 |
|---------|-------------------|
| K3-785K | 188 x 86 x 36 mm  |

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



| Code   | Outside Dimension |
|--------|-------------------|
| K3-785 | 188 x 86 x 32 mm  |

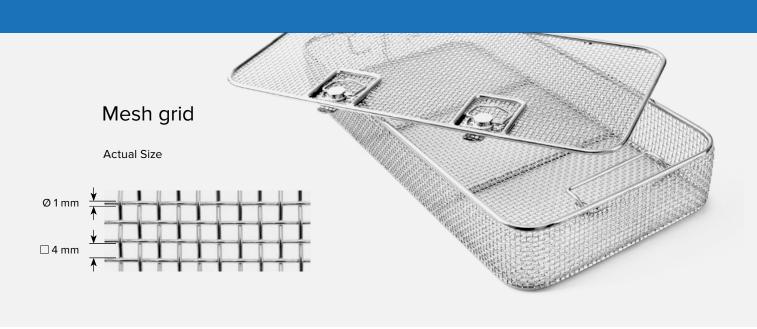
Basket with blue silicone mat





#### **BASKETS**

STERILIZATION CONTAINER SYSTEMS







| 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 |

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





| Code    | <b>Outside Dimension</b> |
|---------|--------------------------|
| 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       |

Code Outside Dimension

K3-1034 405 x 245 mm





| Code   | <b>Outside Dimension</b> |
|--------|--------------------------|
| 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       |





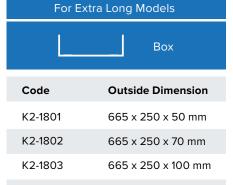


| Code   | <b>Outside Dimension</b> |
|--------|--------------------------|
| K2-460 | 540 x 245 x 30 mm        |
| K2-461 | 540 x 245 x 50 mm        |
| K2-462 | 540 x 245 x 70 mm        |
| K2-463 | 540 x 245 x 100 mm       |

| , <u>-</u> | Lid               |
|------------|-------------------|
| Code       | Outside Dimension |
| K3-1014    | 540 x 245 x 5 mm  |













|         | Lid               |
|---------|-------------------|
| Code    | Outside Dimension |
| K3-2013 | 323 x 222 x 5 mm  |

| , . <del></del> | Lid               |
|-----------------|-------------------|
| Code            | Outside Dimension |
| K3-1707         | 533 x 337 x 5 mm  |

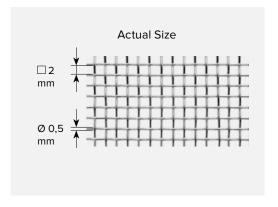
|         | Lid               |
|---------|-------------------|
| Code    | Outside Dimension |
| K3-1807 | 665 x 250 x 5 mm  |















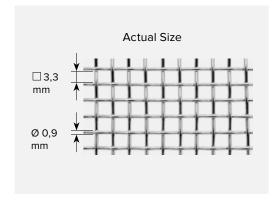
| Code   | Outside Dimension |
|--------|-------------------|
| K2-993 | 268 x 127 x 47 mm |

Box



| Code    | Outside Dimension |
|---------|-------------------|
| K3-1073 | 268 x 117 x 43 mm |

#### Mesh Grid







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





| Code    | Outside Dimension |
|---------|-------------------|
| K3-1070 | 270 v 170 v 38 mm |





Box With Lid

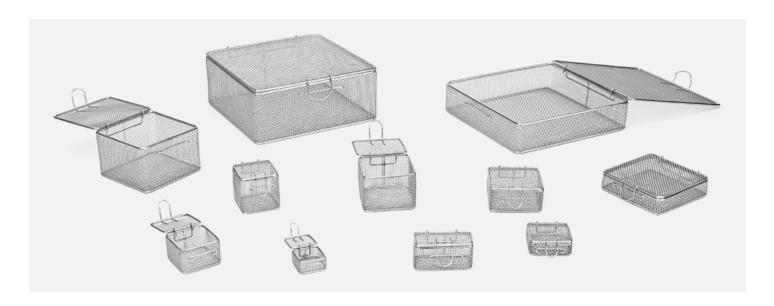


| Code   | Outside Dimension |
|--------|-------------------|
| K2-995 | 175 x 153 x 35 mm |

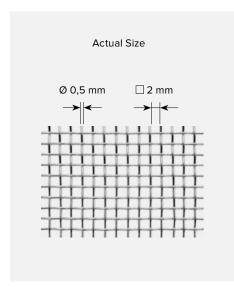
Вох



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



#### 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   |
|         |                   |

### Box With Lid

| 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 |

#### 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 |

#### 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

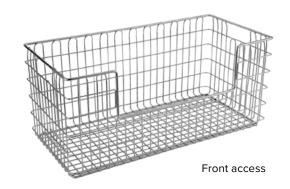


| Code    | Outside Dimension |
|---------|-------------------|
| K3-1203 | 250 x 170 mm      |
| K3-1204 | 340 x 250 mm      |
| K3-1205 | 450 x 340 mm      |



#### STE BASKETS





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

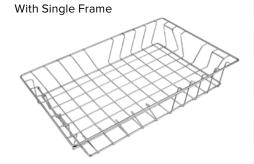
| Code    | <b>Outside Dimension</b> |
|---------|--------------------------|
| K3-1208 | 575 x 280 x 265 mm       |

#### 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 |



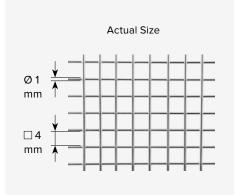
| Code    | Outside Dimension  |
|---------|--------------------|
| K3-1230 | 600 x 300 x 40 mm  |
| K3-1231 | 600 x 300 x 50 mm  |
| K3-1232 | 600 x 300 x 100 mm |
| K3-1233 | 600 x 300 x 130 mm |
| K3-1234 | 600 x 300 x 150 mm |
| K3-1235 | 600 x 300 x 180 mm |
| K3-1236 | 600 x 300 x 200 mm |
| K3-1237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













| Code    | Outside Dimension |
|---------|-------------------|
| K3-1050 | 670 x 80 x 52 mm  |
| K3-1051 | 460 x 80 x 52 mm  |
| K3-1052 | 290 x 80 x 52 mm  |



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



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







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



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



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













#### WASHER TUBE FOR K-WIRES

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





| 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 Hermann Müller washer tube systems are designed in order to safely keep, healthfully wash and sterilize the K-Wires used especially in orthopedic (trauma) surgery.

The Hermann Müller 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.

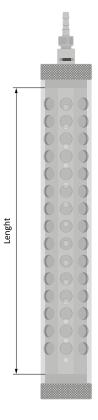
By this way, the wires inside the tube are washed by inside-out and outside-in flow and the disinfection process is completed efficiently.







- 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.



| Code    | Lenght | Suitable Wire Diameters                          |
|---------|--------|--|
| KA-100  | 150 mm | Ø 0,60 mm<br>Ø 0,80 mm<br>Ø 1,00 mm<br>Ø 1,20 mm |
| KB-100  | 150 mm | Ø 1,25 mm<br>Ø 1,40 mm<br>Ø 1,50 mm<br>Ø 1,60 mm |
| KC-100  | 150 mm | Ø 1,80 mm<br>Ø 2,00 mm<br>Ø 2,50 mm<br>Ø 3,00 mm |
| KLA-100 | 300 mm | Ø 0,60 mm<br>Ø 0,80 mm<br>Ø 1,00 mm<br>Ø 1,20 mm |
| KLB-100 | 300 mm | Ø 1,25 mm<br>Ø 1,40 mm<br>Ø 1,50 mm<br>Ø 1,60 mm |
| KLC-100 | 300 mm | Ø 1,80 mm<br>Ø 2,00 mm<br>Ø 2,50 mm<br>Ø 3,00 mm |

#### STERILIZATION CONTAINER SYSTEMS

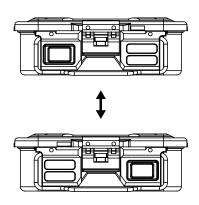
## **ACCESSORIES**

### 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.





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

The average temperature in the autoclave during sterilization is at the level of 135  $^{\circ}$  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.

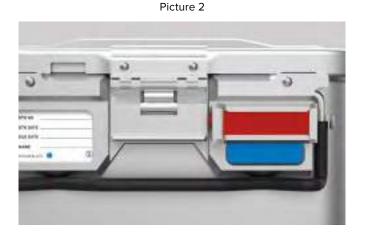
Disposable products have many disadvantages such as purchasing, storage and inventory tracking. Auto Lock mechanism saves the user from this workload and cost.

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)





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





## 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.

Picture 4



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 sterilization container systems.

#### Aim Of The Window For Emulating Indicator

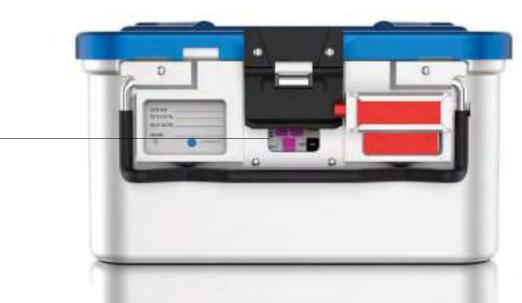
Emulating indicators are used for the load sterilization monitorization while surgical instruments are loaded to containers in central sterilization services department (CSSD).

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.

#### **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  $330^{\circ}$
- 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**

STERILIZATION CONTAINER SYSTEMS



#### Label (Papers)



Code K2-673

100 pcs. With indicator.

For small size and special containers



Code K2-672

100 pcs. With indicator.

For full and Half size containers



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

Thoracotomy

Basic Set

**Basic Set** 

Thoracotomy

Thoracotomy

Basic Set

Basic Set

Thoracotomy

Coloured identification labels Engraved to your specifications Maximum 16 letters

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



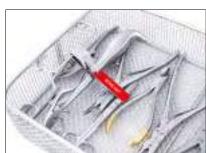
### Identification (Aluminium)

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



#### Labels











K2-663 Blue Code

100 pcs. with indicator. made of plastic



K2-664 *Blue* Code

100 pcs. made of plastic



K2-661 Blue Code

100 pcs. with number. made of plastic

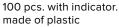


K2-665 Red Code

100 pcs. with number. made of plastic



K2-662 Red Code





100 pcs. made of plastic

Code

K2-660 Red

#### PLASMA MODEL ACCESSORIES

#### **SECURITY SEAL**



K2-663Z *Blue* Code

100 pcs. with indicator.

For hydrogen peroxide plasma sterilization

#### LABEL



Code K2-672Z

100 pcs. with indicator. For hydrogen peroxide plasma sterilization



Code K2-673Z

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 1/1, 3/4, 1/2 model



**Code** K3-615Z

Dimension: 235 x 165 mm

Single use 100 pcs. for Dental model



K2-761Z Code

Dimension: 235 x 120 mm

Single use 100 pcs. for Mini model



K2-780Z Code

Dimension: 130 x 130 mm

Single use 100 pcs. for 1/2 Dental model

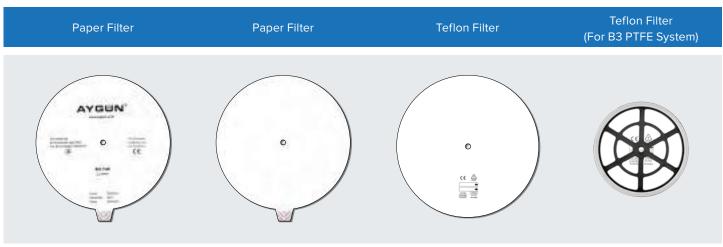


K2-759Z Code

Dimension: 235 x 105 mm

Single use 100 pcs. for Endo model





**Code** K2-740

Diameter 184 mm

Single use 100 pcs with indicator. Aygun mark.

**Code** K2-741

Diameter 184 mm

Single use 100 pcs with indicator. No marking.

**Code** K2-742

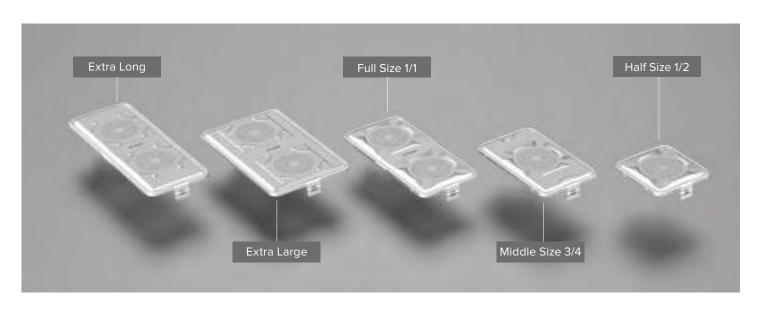
Diameter 194 mm

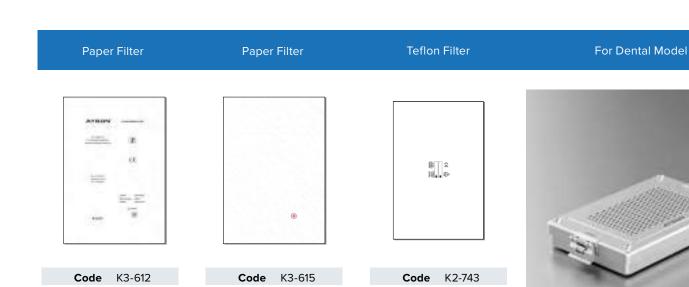
Number of sterilization cycle < 2000

**Code** K2-745

Diameter 90 mm

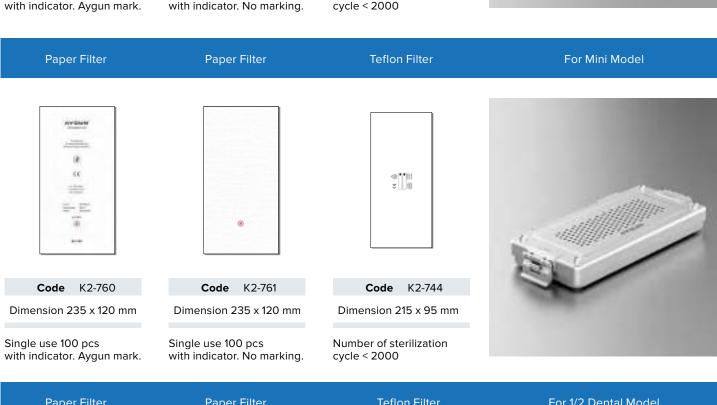
Number of sterilization cycle < 2000 to be used with K1-970





Dimension 235 x 165 mm

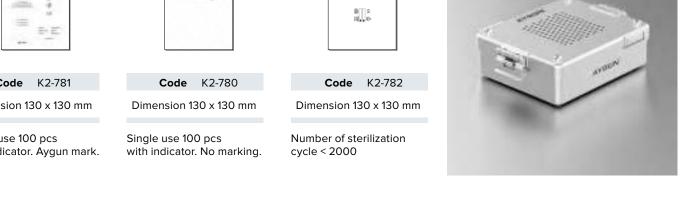
Single use 100 pcs



Dimension 215 x 145 mm

Number of sterilization





Dimension 235 x 165 mm

Single use 100 pcs



**Code** K2-758

Dimension 235 x 105 mm

Single use 100 pcs with indicator. Aygun mark.



**Code** K2-759

Dimension 235 x 105 mm

Single use 100 pcs with indicator. No marking.



Code K2-744

Dimension 215 x 95 mm

Number of sterilization cycle < 2000



#### **FILTER RETAINERS**



**Code** K2-720

Diameter 186 mm

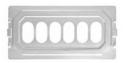
Filter Retainer, for 1/1, 3/4, 1/2, Extra large, Extra long, Large dental



**Code** K2-1715

Dimension 247 x 172 mm

Filter Retainer, for Dental model



**Code** K2-1716

Dimension 243 x 120 mm

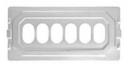
Filter Retainer, for Mini model



**Code** K2-1717

Dimension 162 x 144 mm

Filter Retainer, for 1/2 Dental model



**Code** K2-1718

Dimension 243 x 105 mm

Filter Retainer, for Endo model









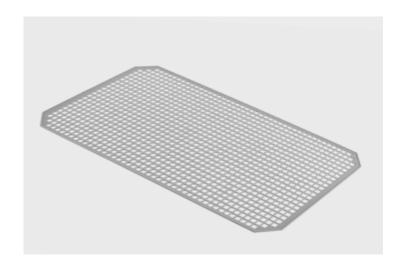




| Code   | Dimension            |
|--------|----------------------|
| K2-519 | 160 x 135 mm         |
| K2-520 | 275 x 125 mm         |
| K2-521 | 250 x 235 mm         |
| K2-522 | 340 x 230 mm (2 pcs) |
| K2-523 | 300 x 300 mm         |
| K2-524 | 380 x 230 mm         |

| 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 |
| 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 |  |

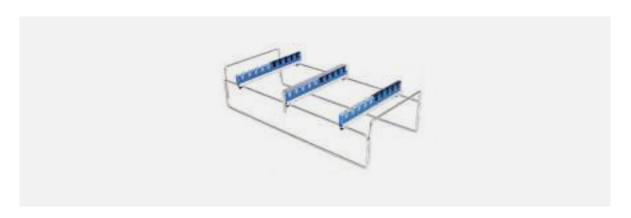
Silicone Mesh Mat, Enables surgical instruments to be stored without slip and dry well.





| Code   | Model                        | Size   |
|--------|------------------------------|--------|
| K3-948 | Large Dental Silicone Gasket | 118 cm |
| K3-949 | 1/2 Dental Silicone Gasket   | 72 cm  |
| K3-950 | Mini Silicone Gasket         | 77 cm  |
| K3-951 | Dental Silicone Gasket       | 89 cm  |
| K3-952 | Flat Silicone Gasket         | 101 cm |
| K3-953 | 1/2 Silicone Gasket          | 101 cm |
| K3-954 | 3/4 Silicone Gasket          | 136 cm |
| K3-955 | 1/1 Silicone Gasket          | 158 cm |
| K3-956 | Extra Large Silicone Gasket  | 180 cm |
| K3-957 | Extra Long Silicone Gasket   | 185 cm |
| K3-958 | Endo Silicone Gasket         | 130 cm |





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

|       | _   | _    |       |
|-------|-----|------|-------|
| Rack. | for | anda | CCONV |
|       |     |      |       |

- 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)





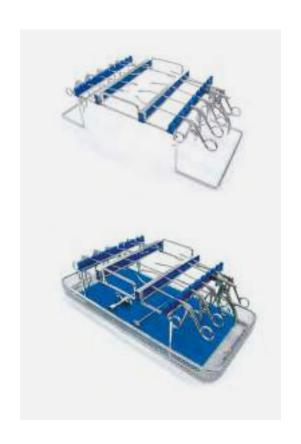




| Code    | Outside Dimension  |
|---------|--------------------|
| K3-1092 | 515 x 250 x 165 mm |

#### 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 |

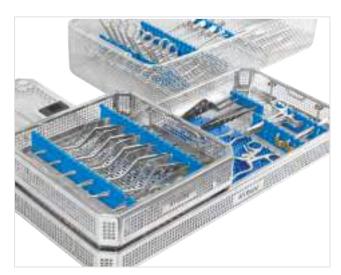
#### Rack, for kerrison

- 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











| 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

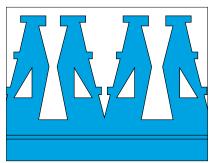
| Code                   |         |
|------------------------|---------|
| K1-680-02<br>(1 Piece) | Kep nut |
| K1-680-03<br>(1 Piece) | Screw   |



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  |

Actual Size

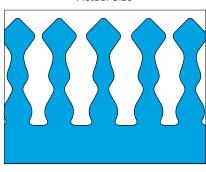




With rail, screw and nut

| 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  |

Actual Size



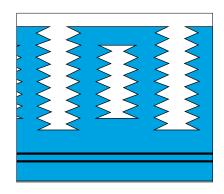
#### STERILIZATION CONTAINER SYSTEMS



With rail, screw and nut

| 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  |



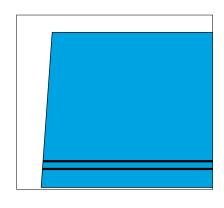




With rail, screw and nut

| Lenght | Height                     |
|--------|----------------------------|
| 240 mm | 45 mm                      |
| 150 mm | 45 mm                      |
| 120 mm | 45 mm                      |
| 90 mm  | 45 mm                      |
|        | 240 mm<br>150 mm<br>120 mm |

Actual Size

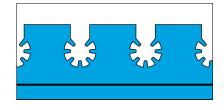




Instruments holder, from Ø 3 to 8 mm With rail, screw and nut

| Code    | Lenght | Height |
|---------|--------|--------|
| K12-112 | 178 mm | 24 mm  |

**Actual Size** 

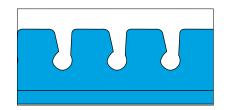




| Code    | Lenght | Height |
|---------|--------|--------|
| K12-113 | 73 mm  | 24 mm  |

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

Actual Size





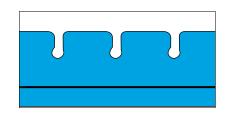




Instruments holder, Ø 3 mm With rail, screw and nut

| Code    | Lenght | Height |
|---------|--------|--------|
| K12-114 | 73 mm  | 24 mm  |

Actual Size

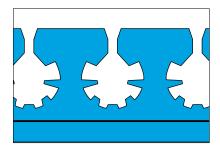




Instruments holder, from  $\emptyset$  3 to 15 mm With rail, screw and nut

| Code    | Lenght | Height |
|---------|--------|--------|
| K12-115 | 178 mm | 34 mm  |

Actual Size

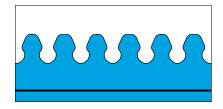




With rail, screw and nut

| Code    | Lenght | Height |
|---------|--------|--------|
| K12-116 | 121 mm | 22 mm  |

Actual Size

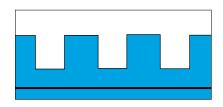




With rail, screw and nut

| Code    | Lenght | Height |
|---------|--------|--------|
| K12-117 | 123 mm | 22 mm  |

Actual Size

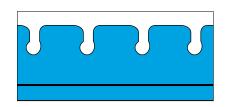




Instruments holder, from Ø 3 mm With rail, screw and nut

| Code    | Lenght | Height |
|---------|--------|--------|
| K12-124 | 178 mm | 24 mm  |

Actual Size



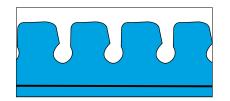
#### STERILIZATION CONTAINER SYSTEMS



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

| Code    | Lenght | Height |
|---------|--------|--------|
| K12-125 | 178 mm | 24 mm  |

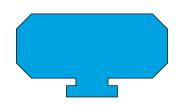






| Code    | Lenght | Height |
|---------|--------|--------|
| K12-142 | 40 mm  | 25 mm  |

Actual Size





| Code    | Lenght  | Height |
|---------|---------|--------|
| K12-126 | 23.5 mm | 25 mm  |

Ø 10,5 mm With rail, screw and nut

**Actual Size** 





| Code    | Lenght  | Height |
|---------|---------|--------|
| K12-127 | 23.5 mm | 25 mm  |

Ø 8 mm With rail, screw and nut

Actual Size





| Code    | Lenght  | Height |
|---------|---------|--------|
| K12-128 | 23.5 mm | 25 mm  |

Ø 13 mm With rail, screw and nut

**Actual Size** 

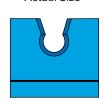




| Code    | Lenght  | Height |
|---------|---------|--------|
| K12-129 | 23.5 mm | 25 mm  |

Ø 5 mm With rail, screw and nut

Actual Size

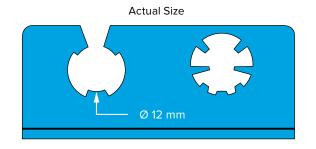






| Code    | Lenght | Height |
|---------|--------|--------|
| K12-130 | 72 mm  | 34 mm  |

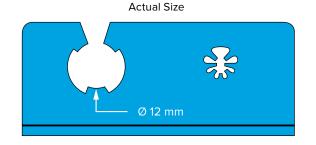
Endoscope holder, double One side Ø 12 mm open One side from Ø 3 to Ø 15 mm closed With rail, screw and nut





| Code    | Lenght | Height |
|---------|--------|--------|
| K12-141 | 72 mm  | 34 mm  |

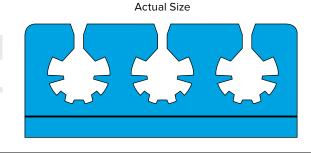
Endoscope holder, double One side Ø 12 mm open One side from Ø 3 to Ø 8 mm closed With rail, screw and nut





| Code    | Lenght | Height |
|---------|--------|--------|
| K12-131 | 72 mm  | 34 mm  |

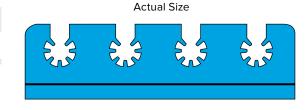
Instruments holder from Ø 3 to Ø 15 mm With rail, screw and nut





| Code    | Lenght | Height |
|---------|--------|--------|
| K12-132 | 72 mm  | 24 mm  |

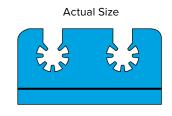
Instruments holder, from  $\emptyset$  3 to  $\emptyset$  8 mm With rail, screw and nut





| Code    | Lenght | Height |
|---------|--------|--------|
| K12-133 | 38 mm  | 24 mm  |

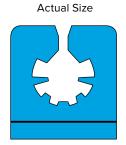
Endoscope holder, double one side from Ø 3 to Ø 8 mm With rail, screw and nut





| Code    | Lenght | Height |
|---------|--------|--------|
| K12-134 | 28 mm  | 34 mm  |

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

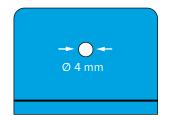




| Code    | Lenght | Height |
|---------|--------|--------|
| K12-135 | 38 mm  | 33 mm  |

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



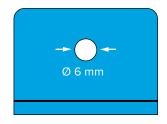




| Code    | Lenght | Height |
|---------|--------|--------|
| K12-136 | 38 mm  | 33 mm  |

Endoscope holder,  $\emptyset$  6 mm closed With rail, screw and nut

**Actual Size** 

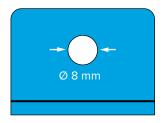




| Code    | Lenght | Height |
|---------|--------|--------|
| K12-137 | 38 mm  | 33 mm  |

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

**Actual Size** 

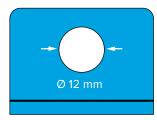




| Code    | Lenght | Height |
|---------|--------|--------|
| K12-138 | 38 mm  | 33 mm  |

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

**Actual Size** 

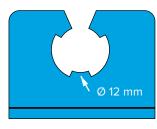




| Code    | Lenght | Height |
|---------|--------|--------|
| K12-139 | 38 mm  | 33 mm  |

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

**Actual Size** 





| Code    | Lenght | Height |
|---------|--------|--------|
| K12-140 | 38 mm  | 33 mm  |

Endoscope holder,  $\varnothing$  15 mm closed With rail, screw and nut

Actual Size

Ø 15 mm





K2-650

Holding pin for divider

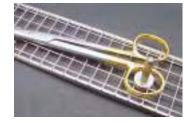


K2-651

Holding pin for instruments



K2-588 Fixation clamp







K2-645

**DIVIDER** 50 x 20 mm



**DIVIDER** 

130 x 20 mm

**DIVIDER** 225 x 20 mm

K2-647

K2-648

**DIVIDER** 460 x 20 mm



### **HOLDERS & DIVIDERS**



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





**Outside Dimension** Code

K8-490 218 x 45 x 52 mm

Tiltable holding device for 6 micro heads





| Code   | Outside Dimension |
|--------|-------------------|
| K2-600 | 40 x 5 x 18 mm    |

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



| Code   | <b>Outside Dimension</b> |
|--------|--------------------------|
| K2-601 | 230 x 26 mm              |
| K2-602 | 470 x 26 mm              |

Sliding rails with securing screws



| Outside Dimension |
|-------------------|
| 230 x 26 mm       |
| 470 x 26 mm       |
|                   |

Limiting bar, with security screws

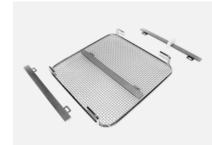


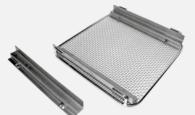
| Code   | Outside Dimension |
|--------|-------------------|
| K2-607 | 233 x 30 mm       |

Spiral holding device



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











| 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       |
|        |                   |

Limiting bar



| Code   | Outside Dimension |
|--------|-------------------|
| K2-622 | 233 x 30 mm       |
|        |                   |

Spiral holding



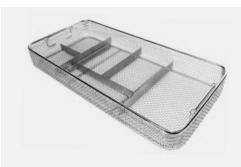
Code **Outside Dimension** K2-625 126 x 30 mm

Spiral holding



Code K2-620

Spiral holding







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| K1-680-03        | 126        | K2-583           | 132      | K2-1501 | 100  | K3-781K            | 99   |
| K1-900           | 110        | K2-584           | 132      | K2-1502 | 100  | K3-782             | 99   |
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| K1-1603          | 126        | K2-607           | 133      | K2-1716 | 121  | K3-787             | 98   |
| K1-1604          | 126        | K2-609           | 133      | K2-1717 | 121  | K3-788             | 98   |
| K1-1605          | 126        | K2-615           | 133      | K2-1718 | 121  | K3-789             | 98   |
| K1-1606          | 126        | K2-616           | 133      | K2-1801 | 101  | K3-790K            | 98   |
| K2-440           | 103        | K2-617           | 133      | K2-1802 | 101  | K3-791K            | 98   |
| K2-450           | 101        | K2-618           | 133      | K2-1803 | 101  | K3-792K            | 98   |
| K2-451           | 101        | K2-620           | 133      | K3-611  | 102  | K3-793K            | 98   |
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| K2-462           | 101        | K2-647           | 132      | K3-706  | 95   | K3-952             | 123  |
| K2-463           | 101        | K2-648           | 132      | K3-707  | 95   | K3-953             | 123  |
| K2-482           | 103        | K2-650           | 132      | K3-708  | 95   | K3-954             | 123  |
| K2-490           | 100        | K2-651           | 132      | K3-709  | 95   | K3-955             | 123  |
| K2-491           | 100        | K2-660           | 118      | K3-710  | 95   | K3-956             | 123  |
| K2-492           | 100        | K2-661           | 118      | K3-711  | 95   | K3-957             | 123  |
| K2-493           | 100        | K2-662           | 118      | K3-712  | 95   | K3-958             | 123  |
| K2-519           | 122        | K2-663           | 118      | K3-713  | 95   | K3-1014            | 101  |
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| K2-524           | 122        | K2-672Z          | 118      | K3-743  | 93   | K3-1051            | 106  |
| K2-525           | 122        | K2-673           | 117      | K3-744  | 93   | K3-1052            | 106  |
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| (2-574           | 117        | K2-780           | 120      | K3-770  | 96   | K3-1109            | 10.  |
| (2-575           | 117        | K2-780Z          | 118      | K3-771  | 96   | K3-1110            | 10.  |
| (2-576           | 117        | K2-781           | 120      | K3-772  | 96   | K3-1111            | 103  |
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| K3-1121            | 107  | K5-040 | 88   | K5-117 | 91       | K5-245  | 8          |
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| (6-633D  | 65         | K6-1666   | 76     | K6-1885  | 79   | K6-3322 | 2         |
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