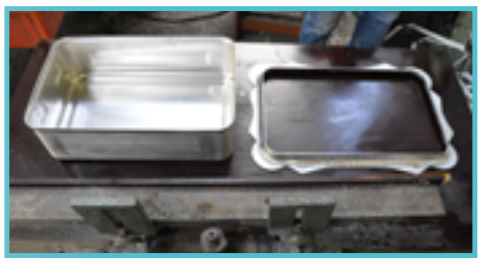
STERILIZATION CONTAINERS AND ACCESSORIES

Product Catalogue

quality & trust

aysam.com.tr

aysam



Our vision is to become one of the leading medical device manufacturers in the world by adopting the understanding of "continuous improvement" and "quality is in detail" with sustainable growth in the production of orthopaedic implants, orthopaedic surgical instrument sets, surgical instruments, sterilization containers, perforated sheet baskets, orthopaedics instrument containers, arthoplasty product and other medical devices.

Aysam Orthopaedics and Medical Devices Company has documented this vision with **ISO 9001, ISO 13485,** and **CE** certificates.

Aysam serves over **80 countries** around the world. We also serve as an OEM supplier to many international companies.

Our main objective to achieve these goals is to bring innovation and quality together with trust.

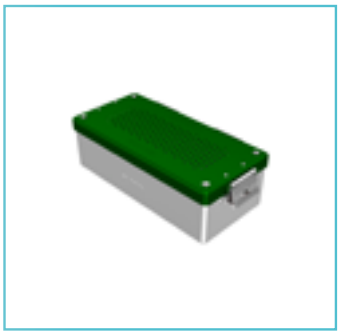
Aysam, which has been producing sterile container systems for **20 years**, also produces sheet baskets and other accessories for containers and offers them to the service of the medical community. With its young, dynamic, and expert staff, Aysam makes more innovative designs and applications for different types of sterile containers and accessories.

In order to respond to the demands of the customers faster and with higher quality, Aysam educates and informs its staff at an advanced level and aims to ensure the continuity of customer, patient, and physician satisfaction under all conditions. Aysam increases both individual and corporate quality with continuous and up-to-date training & information.

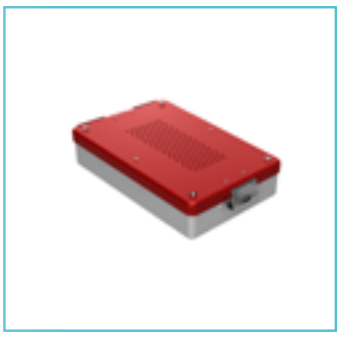
The results of scientific studies performed with Aysam Medical Devices are published in prestigious journals. Aysam continues its development following the requirements of the age with its service understanding that does not compromise on patient health, customer satisfaction, and quality, and its open structure to innovations.

Basic Model

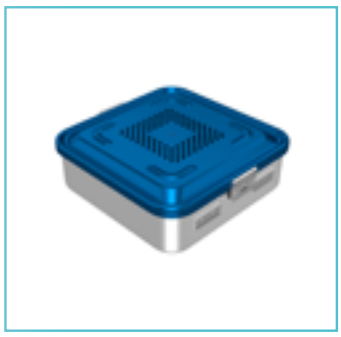
Bio-Barrier Model



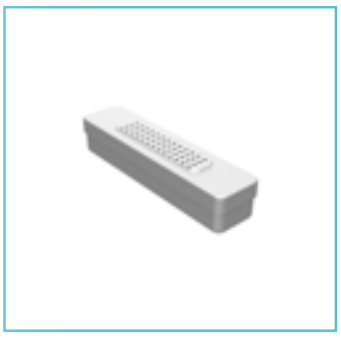
Mini Containers



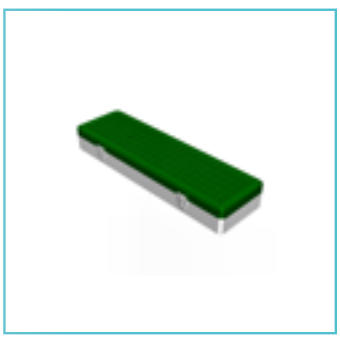
Dental Containers



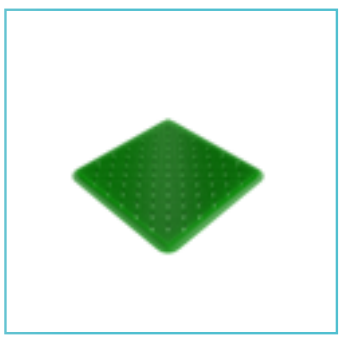
Flat Containers



Endoscopy Containers



Implant Containers



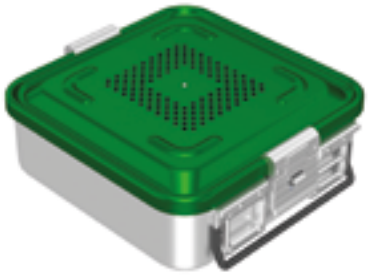
Silicone Mat

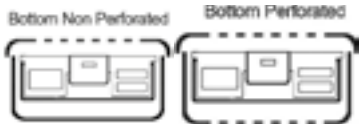
Paper Filter

TABLE OF CONTENTS

- Basic Model - Half Size Containers 6
- Basic Model - Special Size Containers 6
- Basic Model - Middle Size Containers 7
- Basic Model - Full Size Containers 7
- Bio-Barrier Model - Half Size Containers 8
- Bio-Barrier Model - Middle Size Containers 8
- Bio-Barrier Model - Full Size Containers 9
- Mini Containers 9
- Dental Containers 10
- Flat Containers 10
- Endoscopy Containers 11
- Implant Containers 11
- Paper Filter 12
- Textile Filter 12
- Teflon Filter 12
- Paper Filter Pack Of 100 For Mini Size Containers 12
- Paper Filter Pack Of 100 For Dental Size Containers 12
- Plastic Security Seal 12
- Coloured Identification Label 13
- Paper Label with Indicator 13
- Sealing Gasket 13
- Silicone Mats 13
- Aysam Sterile Container Components and Some Important Information 14-17

Basic Model - Half Size Containers





outside dimensions / mm
285x280x100

COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A310.10	A311.10
YELLOW	A320.10	A321.10
RED	A330.10	A331.10
BLUE	A340.10	A341.10
GREEN	A350.10	A351.10
BLACK	A360.10	A361.10

outside dimensions / mm
285x280x135

COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A310.13	A311.13
YELLOW	A320.13	A321.13
RED	A330.13	A331.13
BLUE	A340.13	A341.13
GREEN	A350.13	A351.13
BLACK	A360.13	A361.13

outside dimensions / mm
285x280x150

COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A310.15	A311.15
YELLOW	A320.15	A321.15
RED	A330.15	A331.15
BLUE	A340.15	A341.15
GREEN	A350.15	A351.15
BLACK	A360.15	A361.15

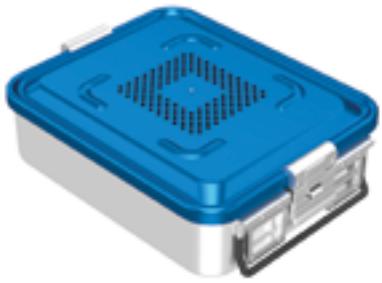
outside dimensions / mm
285x280x200

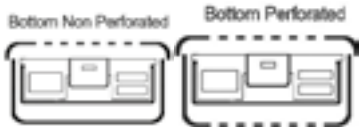
COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A310.20	A311.20
YELLOW	A320.20	A321.20
RED	A330.20	A331.20
BLUE	A340.20	A341.20
GREEN	A350.20	A351.20
BLACK	A360.20	A361.20

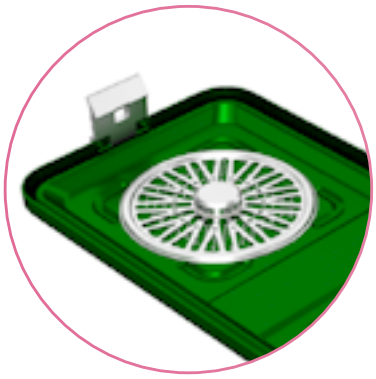
outside dimensions / mm
285x280x260

COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A310.26	A311.26
YELLOW	A320.26	A321.26
RED	A330.26	A331.26
BLUE	A340.26	A341.26
GREEN	A350.26	A351.26
BLACK	A360.26	A361.26

Basic Model - Special Size Containers







outside dimensions / mm
350x250x100

COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A910.10	A911.10
YELLOW	A920.10	A921.10
RED	A930.10	A931.10
BLUE	A940.10	A941.10
GREEN	A950.10	A951.10
BLACK	A960.10	A961.10

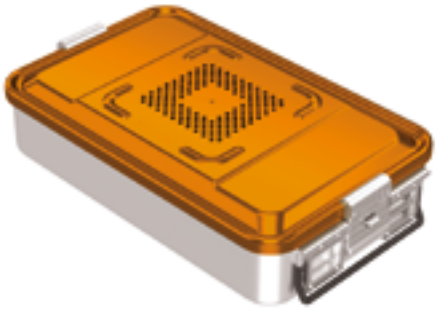
outside dimensions / mm
350x250x135

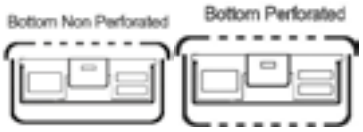
COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A910.13	A911.13
YELLOW	A920.13	A921.13
RED	A930.13	A931.13
BLUE	A940.13	A941.13
GREEN	A950.13	A951.13
BLACK	A960.13	A961.13

outside dimensions / mm
350x250x150

COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A910.15	A911.15
YELLOW	A920.15	A921.15
RED	A930.15	A931.15
BLUE	A940.15	A941.15
GREEN	A950.15	A951.15
BLACK	A960.15	A961.15

Basic Model - Middle Size Containers





outside dimensions / mm
465x280x100

COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A210.10	A211.10
YELLOW	A220.10	A221.10
RED	A230.10	A231.10
BLUE	A240.10	A241.10
GREEN	A250.10	A251.10
BLACK	A260.10	A261.10

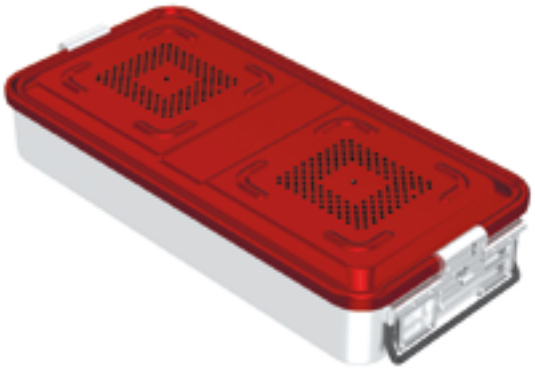
outside dimensions / mm
465x280x135

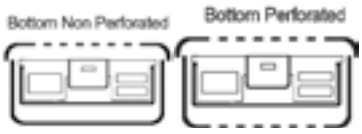
COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A210.13	A211.13
YELLOW	A220.13	A221.13
RED	A230.13	A231.13
BLUE	A240.13	A241.13
GREEN	A250.13	A251.13
BLACK	A260.13	A261.13

outside dimensions / mm
465x280x150

COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A210.15	A211.15
YELLOW	A220.15	A221.15
RED	A230.15	A231.15
BLUE	A240.15	A241.15
GREEN	A250.15	A251.15
BLACK	A260.15	A261.15

Basic Model - Full Size Containers





outside dimensions / mm
580x280x100

COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A110.10	A111.10
YELLOW	A120.10	A121.10
RED	A130.10	A131.10
BLUE	A140.10	A141.10
GREEN	A150.10	A151.10
BLACK	A160.10	A161.10

outside dimensions / mm
580x280x135

COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A110.13	A111.13
YELLOW	A120.13	A121.13
RED	A130.13	A131.13
BLUE	A140.13	A141.13
GREEN	A150.13	A151.13
BLACK	A160.13	A161.13

outside dimensions / mm
580x280x150

COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A110.15	A111.15
YELLOW	A120.15	A121.15
RED	A130.15	A131.15
BLUE	A140.15	A141.15
GREEN	A150.15	A151.15
BLACK	A160.15	A161.15

outside dimensions / mm
580x280x200

COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A110.20	A111.20
YELLOW	A120.20	A121.20
RED	A130.20	A131.20
BLUE	A140.20	A141.20
GREEN	A150.20	A151.20
BLACK	A160.20	A161.20

outside dimensions / mm
580x280x260

COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A110.26	A111.26
YELLOW	A120.26	A121.26
RED	A130.26	A131.26
BLUE	A140.26	A141.26
GREEN	A150.26	A151.26
BLACK	A160.26	A161.26

Bio-Barrier Model - Half Size Containers

outside dimensions / mm
285x280x100

COLOUR	Bottom Non-Perforated
GRAY	A310.10B
YELLOW	A320.10B
RED	A330.10B
BLUE	A340.10B
GREEN	A350.10B
BLACK	A360.10B

outside dimensions / mm
285x280x135

COLOUR	Bottom Non-Perforated
GRAY	A310.13B
YELLOW	A320.13B
RED	A330.13B
BLUE	A340.13B
GREEN	A350.13B
BLACK	A360.13B

outside dimensions / mm
285x280x150

COLOUR	Bottom Non-Perforated
GRAY	A310.15B
YELLOW	A320.15B
RED	A330.15B
BLUE	A340.15B
GREEN	A350.15B
BLACK	A360.15B

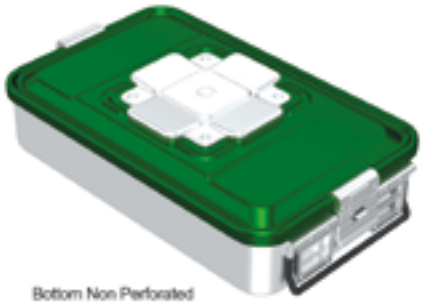
outside dimensions / mm
285x280x200

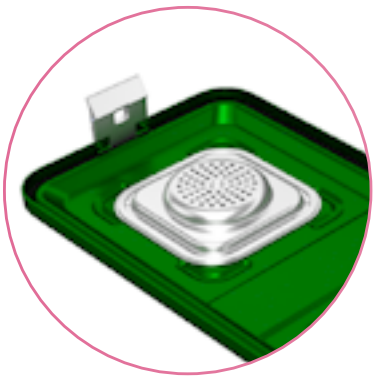
COLOUR	Bottom Non-Perforated
GRAY	A310.20B
YELLOW	A320.20B
RED	A330.20B
BLUE	A340.20B
GREEN	A350.20B
BLACK	A360.20B

outside dimensions / mm
285x280x260

COLOUR	Bottom Non-Perforated
GRAY	A310.26B
YELLOW	A320.26B
RED	A330.26B
BLUE	A340.26B
GREEN	A350.26B
BLACK	A360.26B

Bio-Barrier Model - Middle Size Containers





outside dimensions / mm
465x280x100

COLOUR	Bottom Non-Perforated
GRAY	A210.10B
YELLOW	A220.10B
RED	A230.10B
BLUE	A240.10B
GREEN	A250.10B
BLACK	A260.10B

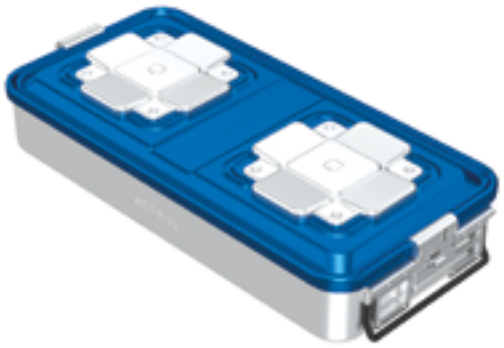
outside dimensions / mm
465x280x135

COLOUR	Bottom Non-Perforated
GRAY	A210.13B
YELLOW	A220.13B
RED	A230.13B
BLUE	A240.13B
GREEN	A250.13B
BLACK	A260.13B

outside dimensions / mm
465x280x150

COLOUR	Bottom Non-Perforated
GRAY	A210.15B
YELLOW	A220.15B
RED	A230.15B
BLUE	A240.15B
GREEN	A250.15B
BLACK	A260.15B

Bio-Barrier Model - Full Size Containers



outside dimensions / mm
580x280x100

COLOUR	Bottom Non-Perforated
GRAY	A110.10B
YELLOW	A120.10B
RED	A130.10B
BLUE	A140.10B
GREEN	A150.10B
BLACK	A160.10B

outside dimensions / mm
580x280x135

COLOUR	Bottom Non-Perforated
GRAY	A110.13B
YELLOW	A120.13B
RED	A130.13B
BLUE	A140.13B
GREEN	A150.13B
BLACK	A160.13B

outside dimensions / mm
580x280x150

COLOUR	Bottom Non-Perforated
GRAY	A110.15B
YELLOW	A120.15B
RED	A130.15B
BLUE	A140.15B
GREEN	A150.15B
BLACK	A160.15B

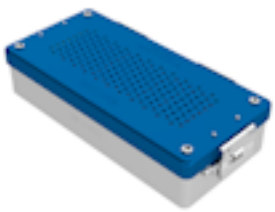
outside dimensions / mm
580x280x200

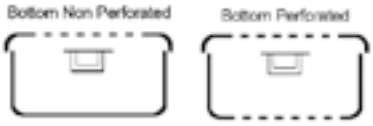
COLOUR	Bottom Non-Perforated
GRAY	A110.20B
YELLOW	A120.20B
RED	A130.20B
BLUE	A140.20B
GREEN	A150.20B
BLACK	A160.20B

outside dimensions / mm
580x280x260

COLOUR	Bottom Non-Perforated
GRAY	A110.26B
YELLOW	A120.26B
RED	A130.26B
BLUE	A140.26B
GREEN	A150.26B
BLACK	A160.26B

Mini Containers





outside dimensions / mm
300x140x50

COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A410.04	A411.04
YELLOW	A420.04	A421.04
RED	A430.04	A431.04
BLUE	A440.04	A441.04
GREEN	A450.04	A451.04
BLACK	A460.04	A461.04

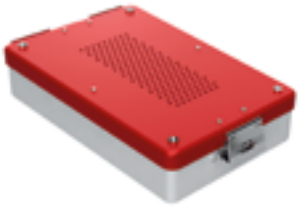
outside dimensions / mm
300x140x70

COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A410.07	A411.07
YELLOW	A420.07	A421.07
RED	A430.07	A431.07
BLUE	A440.07	A441.07
GREEN	A450.07	A451.07
BLACK	A460.07	A461.07

outside dimensions / mm
300x140x100

COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A410.10	A411.10
YELLOW	A420.10	A421.10
RED	A430.10	A431.10
BLUE	A440.10	A441.10
GREEN	A450.10	A451.10
BLACK	A460.10	A461.10

Dental Containers



outside dimensions / mm
310x190x50

COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A510.04	A511.04
YELLOW	A520.04	A521.04
RED	A530.04	A531.04
BLUE	A540.04	A541.04
GREEN	A550.04	A551.04
BLACK	A560.04	A561.04

outside dimensions / mm
310x190x65

COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A510.06	A511.06
YELLOW	A520.06	A521.06
RED	A530.06	A531.06
BLUE	A540.06	A541.06
GREEN	A550.06	A551.06
BLACK	A560.06	A561.06

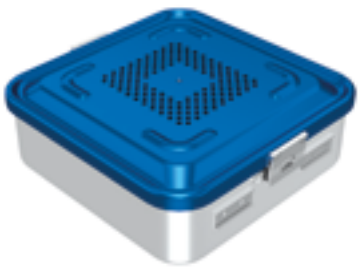
outside dimensions / mm
310x190x100

COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A510.10	A511.10
YELLOW	A520.10	A521.10
RED	A530.10	A531.10
BLUE	A540.10	A541.10
GREEN	A550.10	A551.10
BLACK	A560.10	A561.10

outside dimensions / mm
310x190x130

COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A510.13	A511.13
YELLOW	A520.13	A521.13
RED	A530.13	A531.13
BLUE	A540.13	A541.13
GREEN	A550.13	A551.13
BLACK	A560.13	A561.13

Flat Containers

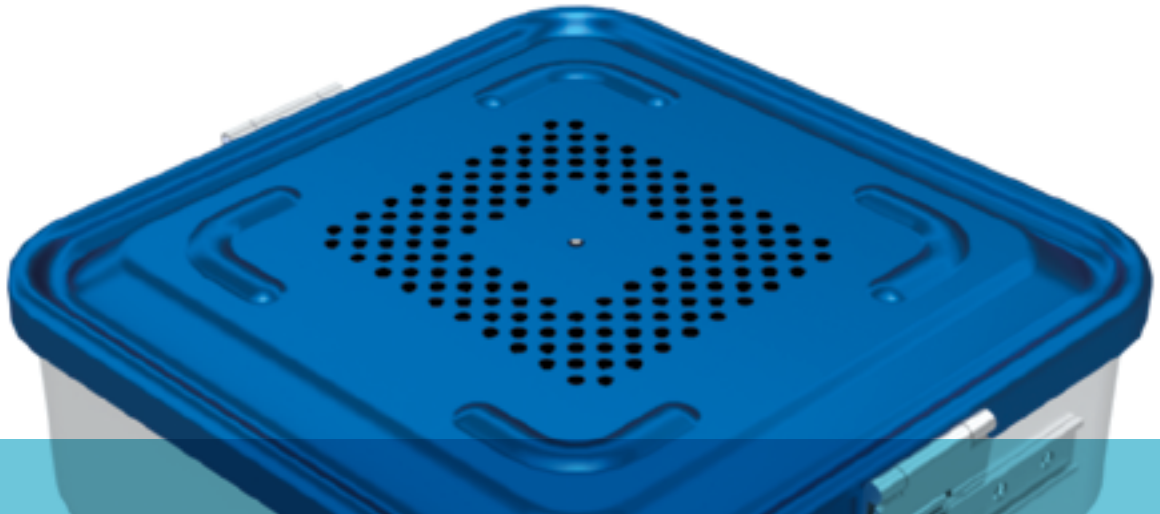


outside dimensions / mm
285x280x55

COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A810.05	A811.05
YELLOW	A820.05	A821.05
RED	A830.05	A831.05
BLUE	A840.05	A841.05
GREEN	A850.05	A851.05
BLACK	A860.05	A861.05

outside dimensions / mm
285x280x95

COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A810.08	A811.08
YELLOW	A820.08	A821.08
RED	A830.08	A831.08
BLUE	A840.08	A841.08
GREEN	A850.08	A851.08
BLACK	A860.08	A861.08



Endoscopy Containers

Bottom
Perforated (Non Filter)

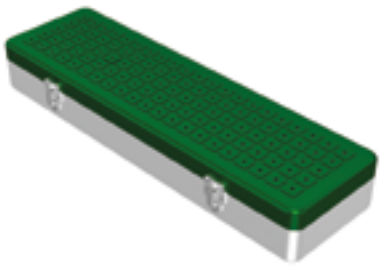
outside dimensions / mm
250x60x50

COLOUR	Bottom Perforated
GRAY	A711.05
YELLOW	A721.05
RED	A731.05
BLUE	A741.05
GREEN	A751.05
BLACK	A761.05

outside dimensions / mm
450x70x70

COLOUR	Bottom Perforated
GRAY	A711.07
YELLOW	A721.07
RED	A731.07
BLUE	A741.07
GREEN	A751.07
BLACK	A761.07

Implant Containers



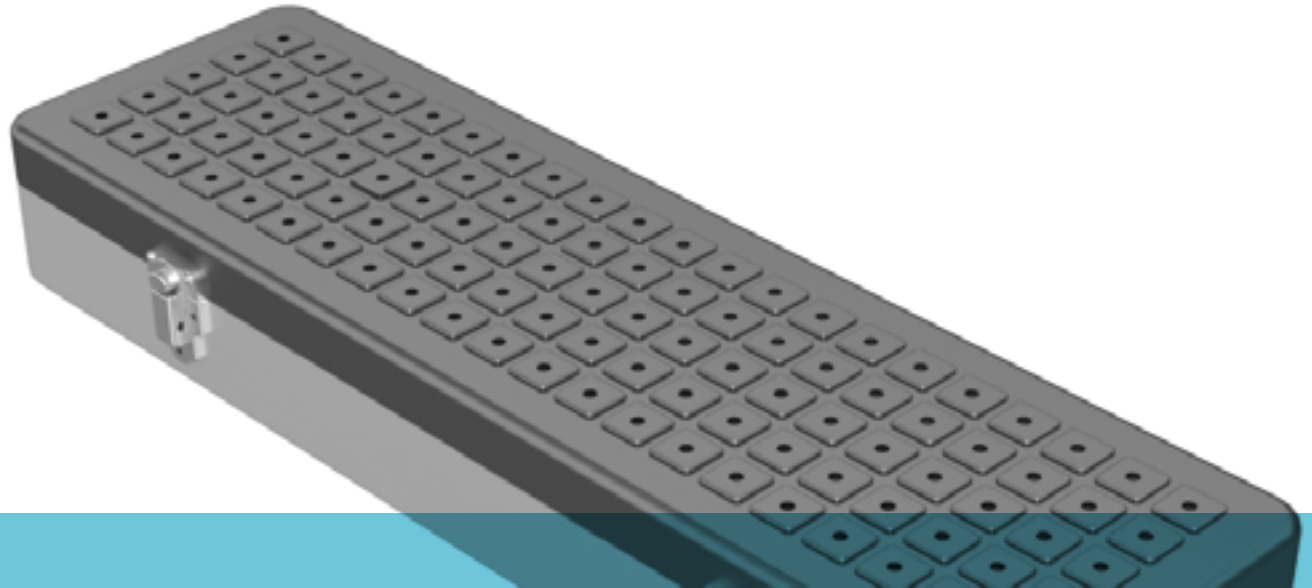
Bottom
Perforated (Non Filter)

outside dimensions / mm
310x138x65

COLOUR	Bottom Perforated
GRAY	A611.06
YELLOW	A621.06
RED	A631.06
BLUE	A641.06
GREEN	A651.06
BLACK	A661.06

outside dimensions / mm
500x155x75

COLOUR	Bottom Perforated
GRAY	A611.07
YELLOW	A621.07
RED	A631.07
BLUE	A641.07
GREEN	A651.07
BLACK	A661.07



Teflon Filter

CAT.NO.	PRODUCT NAME
A014.01	PTFE Filter For Half, Special, Middle and Full Size Containers
A014.02	PTFE Filter For Mini Containers
A014.03	PTFE Filter For Dental Containers

Textile Filter

CAT.NO.	PRODUCT NAME
A013.01	Single Textile Filter For Half, Special, Middle and Full Size Containers
A013.02	Single Textile Filter For Mini Containers
A013.03	Single Textile Filter For Dental Containers

Paper Filter

CAT.NO.	PRODUCT NAME
A012.01	Paper Filter Pack Of 100 For Half, Special, Middle and Full Size Containers

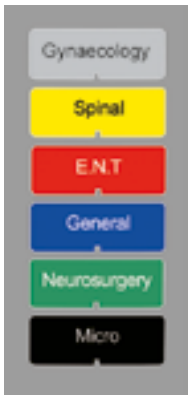
Paper Filter Pack Of 100 For Mini & Dental Size Containers

CAT.NO.	PRODUCT NAME
A012.02	Paper Filter Pack Of 100 For Mini Size Containers
A012.03	Paper Filter Pack Of 100 For Dental Containers

Plastic Security Seal

CAT.NO.	PRODUCT NAME
A011.01	Pack Of 100 Plastic Security Seal

Coloured Identification Label



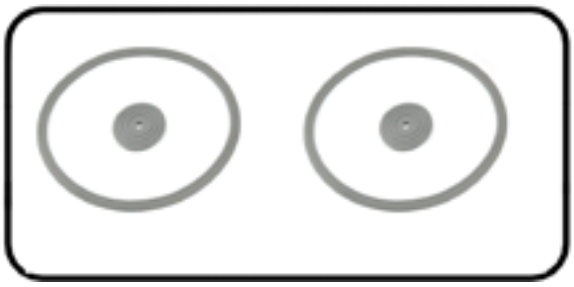
Coloured Identification Labes

COLOUR	Bottom Non-Perforated
GRAY	A020.01
YELLOW	A020.02
RED	A020.03
BLUE	A020.04
GREEN	A020.05
BLACK	A020.06

Paper Label With Indicator

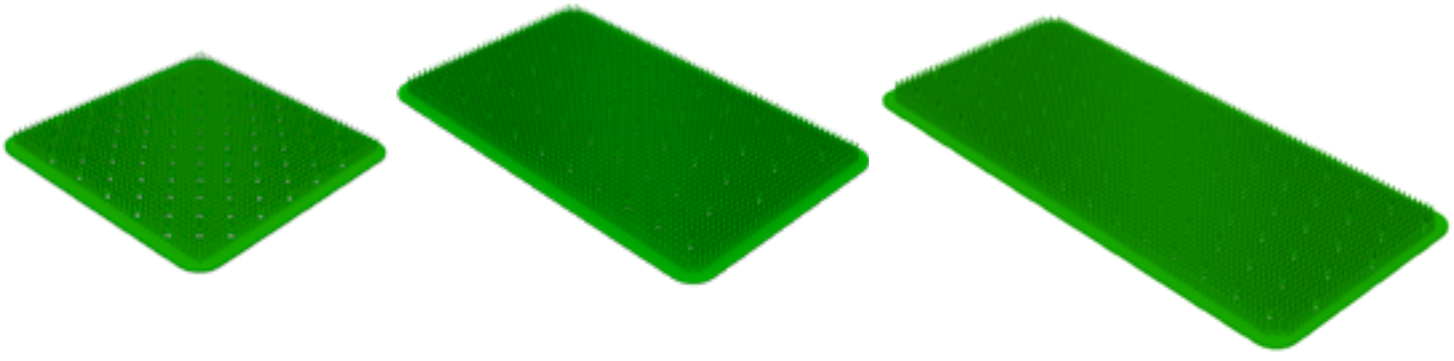
CAT.NO.	PRODUCT NAME
A010.01	Pack Of 100 Paper Label With Indicator For Half-Midi-Full Size Containers
A010.02	Pack Of 100 Paper Label With Indicator For Dental and Mini Containers

Sealing Gasket



CAT.NO.	PRODUCT NAME
BA000.FU0-15	Basic full size box lid wick gasket
BA000.HA0-15	Basic half size box lid wick gasket
BA000.MI0-15	Basic middle size box lid wick gasket
BA000.SI0-15	Basic special size box lid wick gasket
BA0KR.0Fİ-03-02	Basic box chrome filter holder frame silicone gasket
BA0KR.0Fİ-03-03-05	Basic box chrome filter holder core silicone gasket
BA0PL.0Fİ-03-01	Basic box plastic filter holder body main part
BA0PL.0Fİ-03-02	Basic box plastic filter holder silicone sealing gasket
MD0KR.000-03-02	Mini dental box filter holder silicone gasket
MDK00.000-02-02	Mini dental box filter holder silicone sealing gasket
MDK00.DE0-05	Dental box case (cover box) sealing silicone gasket
MDK00.MI0-05	Mini box case (lid box) sealing silicone gasket

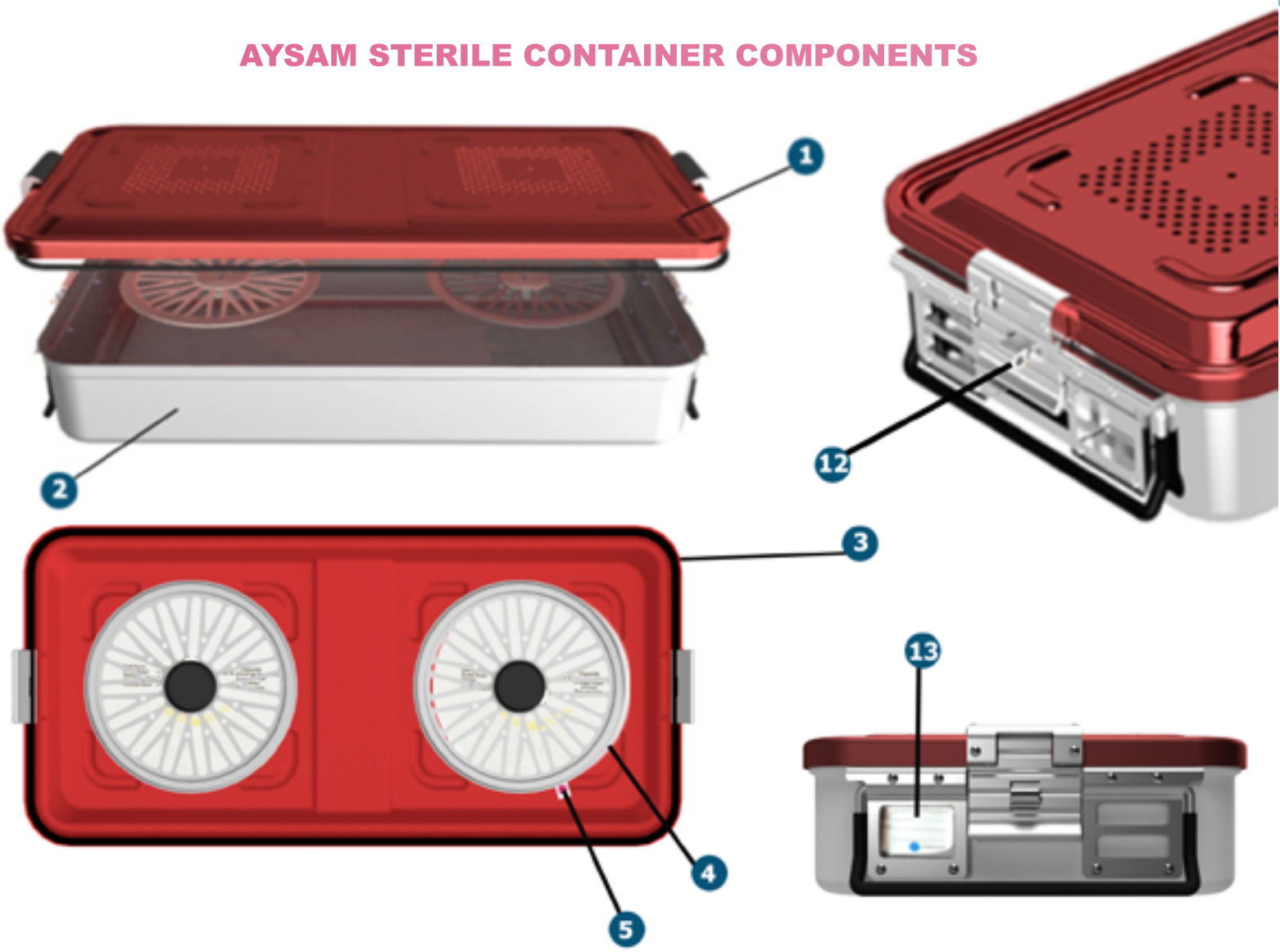
Silicone Mats

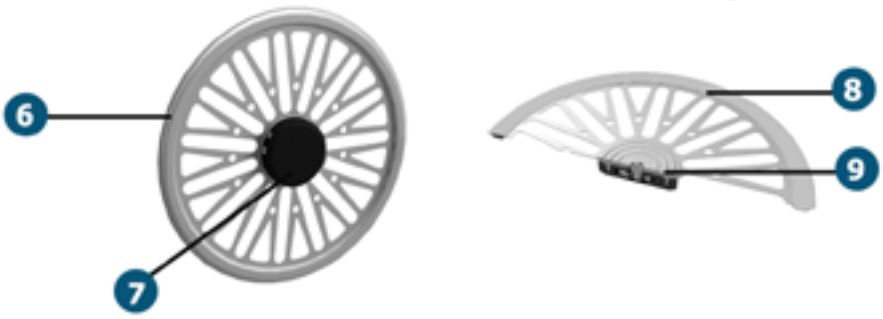


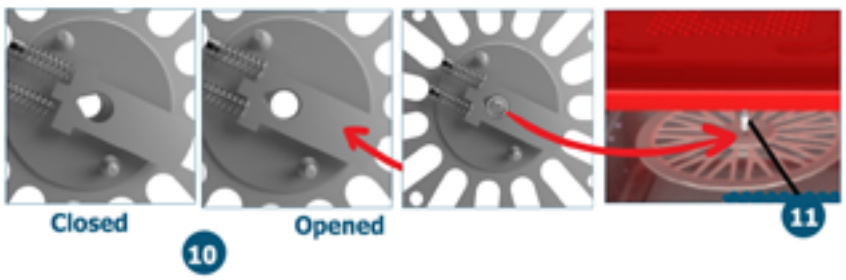
CAT. NO.	PRODUCT NAME	MM
A050.01	Silicone Mat	180x280
A050.03	Silicone Mat	245x245
A050.04	Silicone Mat	270x125

CAT. NO.	PRODUCT NAME	MM
A050.05	Silicone Mat	380x230
A050.06	Silicone Mat	440x230
A050.07	Silicone Mat	520x230

AYSAM STERILE CONTAINER COMPONENTS







1. Lid
2. Bottom
3. Lid Silicone Gasket
4. Paper Filter
5. Sterilization Indicator Label
6. Filter Retainer
7. Filter Retainer Holder
8. Center Sealing Gasket
9. Peripheral Sealing Gasket
10. Open/close button
11. Pin For Filter
12. Lock System
13. Label With Indicator
14. Plastic Security Seal

- Aysam Sterilization Container Systems are reusable and anodized containers used to sterilize implants, surgical instruments and textiles, and keep and carry them as sterile.

- Aysam Sterilization Container Systems are designed for daily use and years of use.

- Therefore, when choosing sterilization
container systems, make sure that the container and instruments comply with the application and sterilization requirements.

- Aysam Sterilization Containers are made of EN AW 1050 quality aluminum and AISI 304 stainless steel (EN 1.4301) following territorial and international standards.

- Due to the large number of aluminum parts in the design, handling and transporting are easier.

- Anodization has been applied to the lids, bottom, and other aluminum components of the Sterile Containers to increase its resistance against external factors and to gain a decorative appearance.

- Aysam Sterile Container Systems are packaged and shipped as non-sterile.

- Aysam Sterile Containers are suitable for steam and ethylene oxide sterilization.

Removing and attaching the filter holder and changing the filter.

1. LID

-Aysam Sterilization Container Systems, there are holes for air passage on the outer surface of the lid.

- There is a silicone gasket on the inner surface of the lid, providing air and waterproof along the edge.

- In the middle of the lid, there is a lockable filter retainer, that holds the filters tightly and has a sealing gasket on the top (center and peripheral parts), made of stainless steel or plastic.

- There are spring latches on both sides of the lid that provide locking by springing into the bottom.

- The silicones in the lid, filter retainer, and handles are made of materials resistant to hot application in the autoclave.

- Sterilization container lids are produced in six different colors like gray, black, green, red, yellow, and blue. These color differences provide convenience for you in storage

2. BOTTOM

- On both sides of sterilization container bottoms, there are label attachment co mpartments, handles, and lock parts through which plastic disposable security seal passes.

- Paper labels with indicators are placed in the label attachment compartments of container bottoms for sterilization process and follow-up details.

- In mini, dental, and flat sterilization containers, there are aluminum label placement pieces on the side of the lid, suitable for paper label indicator.

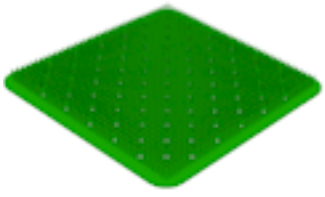
3. ACCESSORIES

- The disposable consumables of the Container Systems are paper, textile, and Teflon filters, plastic security seals, and sterilization indicator labels.

- Paper, textile, and Teflon filters provide effective protection by preventing microorganisms from entering the container after sterilization.

- Paper filters are disposable and should be changed at every sterilization process. Textile filters for 20 uses; Teflon filters are for 2000 uses.

- For the stacking of small, mini, and micro-instruments in the container, it is recommended to use a silicone mat on the floor.



- Sheet/wire baskets of Aysam containers can be cleaned and sterilized following the accepted instructions and using the same procedures as Aysam Sterilization Container bottoms.

BIOBARRIER STERILE CONTAINER

In addition to the features of Basic (Filtered) Sterile Container, in Aysam Biobarrier Containers;

- There are one or two mechanical biobarrier valves with silicone seals on the lid.

- Biobarrier valves operate by opening/closing with the air pressure generated in the autoclave during sterilization.

Thanks to the biobarrier system and the silicon gaskets used in it, the air is removed from the container during sterilization, the pressurized hot water steam enters the container through the biobarrier valves, and finally the hot steam is discharged out by the impact of vacuum.

- Biobarrier Sterilization Container Systems are mechanical systems consisting of valves and silicon seals. During the sterilization;

1- In the first stage, the upper valve opens with the effect of negative (-) pressure in the (pre-vacuum) autoclave and thus the air is removed from the container and autoclave (Figure 2).

2- Then, the small valve is opened by pushing down with the effect of positive (+) pressurized hot water vapor (2-3 atm; 134°C) given to the autoclave and hot steam air enters the container (Figure 3).

3- In the last stage, the upper valve of the container is opened again with the effect of negative (-) pressure in the autoclave and the hot steamed air inside is removed from the container and autoclave (Figure 4).

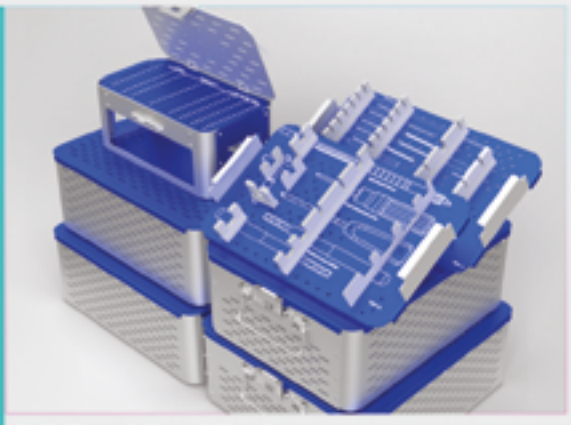
- Besides, since the biobarrier system is closed after sterilization and prevents air entry and exit, container maintains the sterility until it is opened during the surgical procedure.

Aysam, which has been exporting to five continents of the world for twenty years, has been increasing the number of distributors and dealers day by day and advancing confidently towards its goals. Besides, Aysam continues its activities with companies of distributor and dealer in full harmony and loyalty. Aysam participates in national/international fairs and congresses and offers its product groups to the service of the Medical World. By regularly participating in the world's largest and most prestigious fairs such as Medica/Düsseldorf, Arab Health/Dubai, Expomed/Istanbul as well as other congresses and organizations, it continuously increases its interaction with customers and end-user healthcare professionals. Aysam has adopted the principle of quality, advanced, and innovative production by customer feedback, R&D studies, specialist physicians, dynamic&experienced engineers, and modern infrastructure in accordance with the requirements of the age.

Aysam manufactures medical devices in seven groups: ORTHOPAEDIC implants, arthroplasty products, surgical sets, surgical instruments, perforated sheet baskets, orthopaedic instrument containers and sterilization containers. With new R&D studies, it continues to add new products to its nearly 20 thousand product range. Combining 20 years of knowledge with modern technology, Aysam produces its devices in a more innovative and quality way.

ORTHOPAEDIC
TRAUMA PRODUCTS

ORTHOPAEDIC SURGICAL
INSTRUMENTS

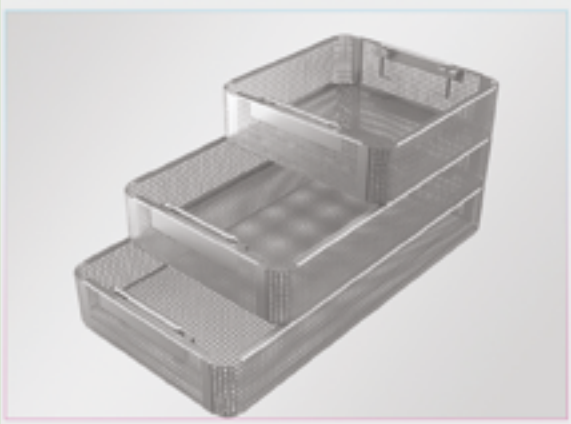


ORTHOPAEDIC
INSTRUMENT CONTAINERS

ORTHOPAEDIC SURGERY
INSTRUMENT SETS

STERILIZATION CONTAINERS
AND ACCESSORIES

TOTAL KNEE & HIP
ARTHROPLASTY



PERFORATED
SHEET BASKETS

MAXILLOFACIAL
AND MANDIBLE

AYSAM | Samsun

Organize Sanayi Sitesi Erdoğan Cebeci Bulvarı No. 34
Kutlukent Tekkeköy, 55330 SAMSUN/TÜRKİYE

AYSAM | Istanbul

Molla Gürani Mah. Molla Gürani Cad. No:59/9
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AYSAM | Warehouse

Kirazlık Mah 1034 Cd. No:14 Tekkeköy
SAMSUN/TÜRKİYE

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