STERILIZATION CONTAINERS AND ACCESSORIES

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Product Catalogue

quality & trust



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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.

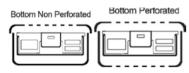


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Aysam Sterile Container Components and Some Important Information

Basic Model - Half Size Containers





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				
COLOUR	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					
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			

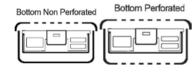
285x280x200				
COLOUR	Bottom Non-Perforated	Bottom Perforated		
GRAY	A310.20	A311.20		
YELLOW	A320.20	A321.20		
RED	A330.20	A331.20		
BLUE	A340.20	A341.20		
GREEN	A350.20	A351.20		
BLACK	A360.20	A361.20		

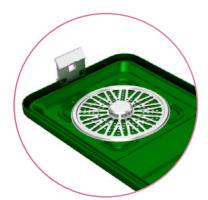
outside dimensions / mm

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			outside dimensions 370x280x1	
COLOUR	Bottom Non-Perforated	Bottom Perforated	COLOUR	Bottom Non-Perforated	Bottom Perforated
GRAY	A910.10	A911.10	GRAY	A910.13	A911.13
YELLOW	A920.10	A921.10	YELLOW	A920.13	A921.13
RED	A930.10	A931.10	RED	A930.13	A931.13
BLUE	A940.10	A941.10	BLUE	A940.13	A941.13
GREEN	A950.10	A951.10	GREEN	A950.13	A951.13
BLACK	A960.10	A961.10	BLACK	A960.13	A961.13

outside dimensions / mm 370x280x150 Bottom Non-Perforated Bottom Perforated COLOUR A910.15 A911.15 YELLOW A920.15 A921.15 A930.15 A931.15 RED A940.15 BLUE A941.15 GREEN A950.15 A951.15 BLACK A960.15 A961.15



Bottom Non Perforated Bottom Perforated





	outside dimensions				outside
COLOUR	Bottom Non-Perforated	Bottom Perforated	сог	OUR.	Bo Non-P
GRAY	A210.10	A211.10	GR	RAY	A2
LOW	A220.10	A221.10	YEL	.ow	A22
RED	A230.10	A231.10	R	D	A2
LUE	A240.10	A241.10	BL	UE	A24
REEN	A250.10	A251.10	GR	EEN	A2
ACK	A260.10	A261.10	BLA	CK	A2

Bottom Perforated

A211.13 A221.13 A231.13 A241.13 A251.13 A251.13

 Bottom

 Perforated

 A111.13

 A121.13

 A131.13

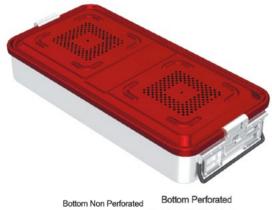
 A141.13

 A151.13

 A151.13

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



Bottom Non Perforated

Γ

Bottom Perforated

outside dimensions / mm 580x280x150

00072007100					
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			outside dimensions	
COLOUR	Bottom Non-Perforated	Bottom Perforated	COLOUR	Bottom Non-Perforated	
GRAY	A110.10	A111.10	GRAY	A110.13	
YELLOW	A120.10	A121.10	YELLOW	A120.13	
RED	A130.10	A131.10	RED	A130.13	
BLUE	A140.10	A141.10	BLUE	A140.13	
GREEN	A150.10	A151.10	GREEN	A150.13	
BLACK	A160.10	A161.10	BLACK	A160.13	

outside dimensions / mm 580x280x200				
COLOUR	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			



Bottom Non Perforated

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

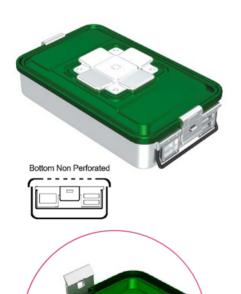
outside dimensions / mm			
COLOUR Bottom Non-Perforated			
GRAY	A310.13B		
YELLOW A320.13B			
RED A330.13B			
BLUE A340.13B			
GREEN A350.13B			
BLACK A360.13B			

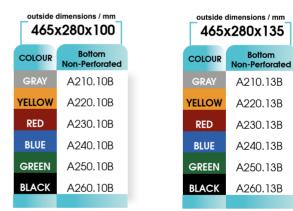
outside dimensions / mm		
COLOUR	Bottom Non-Perforated	
GRAY	A310.15B	
YELLOW	A320.15B	
RED	A330.15B	
BLUE	A340.15B	
GREEN	A350.15B	
BLACK	A360.15B	

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

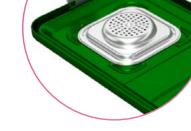
outside dimensions / mm		
COLOUR	Bottom Non-Perforated	
GRAY	A310.26B	
YELLOW A320.26B RED A330.26B		
		BLUE
GREEN	A350.26B	
BLACK A360.26B		

Bio-Barrier Model - Middle Size Containers





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





Bottom Non Perforated

outside dimensions / mm 580x280x100				dimensions / mm (280x135
COLOUR	Bottom Non-Perforated	COLO	DUR	Bottom Non-Perforated
GRAY	A110.10B	GRA	٩Y	A110.13B
YELLOW	A120.10B	YELLO	SW	A120.13B
RED	A130.10B	REI	D	A130.13B
BLUE	A140.10B	BLU	IE	A140.13B
GREEN	A150.10B	GRE	EN	A150.13B
BLACK	A160.10B	BLAG	СК	A160.13B

COLOUR

YELLOW

RED

BLUE

GREEN

BLACK

A110.20B

A120.20B

A130.20B

A140.20B

A150.20B

A160.20B

30.13B 40.13B 50.13B 50.13B outside dimensions / mm outside dimensions / mm 580x280x200 Bottom Non-Perforated

580>	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



Bottom Non Perforated





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

580x280x150

COLOUR

YELLOW

RED

BLUE

GREEN

BLACK

Bottom Non-Perforated

A110.15B

A120.15B

A130.15B

A140.15B

A150.15B

A160.15B

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



Bottom Perforated

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

Bottom Non-Perforated

A510.10

A520.10

A530.10

A540.10

A550.10

A560.10

COLOUR GRAY

YELLOW

RED

BLUE

GREEN

BLACK

Bottom Perforated

A511.10

A521.10

A531.10

A541.10

A551.10

A561.10

outside dimensions / mm310x190x65				
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		

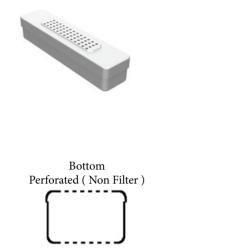
outside dimensions / mm 310x190x130				
COLOUR	Bottom Perforated			
GRAY	A510.13	A511.13		
YELLOW	A520.13	A521.13		
RED	A530.13	A531.13		
BLUE	A540.13	A541.13		
GREEN	A550.13	A551.13		
BLACK	A560.13	A561.13		

Bottom Non Perforated

Flat Containers

		outside dimensions			outside dimensions	
	COLOUR	Bottom Non-Perforated	Bottom Perforated	COLOUR	Bottom Non-Perforated	Bottom Perforated
	GRAY	A810.05	A811.05	GRAY	A810.08	A811.08
	YELLOW	A820.05	A821.05	YELLOW	A820.08	A821.08
	RED	A830.05	A831.05	RED	A830.08	A831.08
and the second s	BLUE	A840.05	A841.05	BLUE	A840.08	A841.08
	GREEN	A850.05	A851.05	GREEN	A850.08	A851.08
	BLACK	A860.05	A861.05	BLACK	A860.08	A861.08

Endoscopy Containers



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

Implant Containers



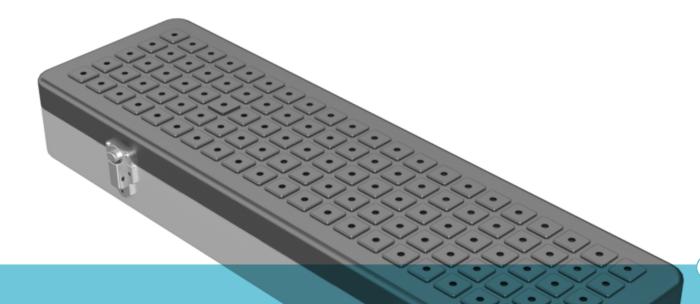
310x138x65ColourBottom
PerforatedGRAYA611.06YELLOWA621.06REDA631.06BLUEA641.06GREENA651.06BLACKA661.06

outside dimensions / mm

outside dimensions / mm				
	500x155x75			
	COLOUR	Bottom Perforated		
	GRAY	A611.07		
	YELLOW	A621.07		
	RED	A631.07		
	RED	A031.07		
	BLUE	A641.07		
	DEGE	/ (04110/		
	GREEN	A651.07		
	BLACK	A661.07		

Bottom Perforated (Non Filter)





Teflon Fi	ilter	Textile Filter	
CE B B B CE B CE CE CE CE CE CE CE CE CE CE CE CE CE			
CAT.NO.	PRODUCT NAME	CAT.NO.	PRODUCT NAME
A014.01	PTFE Filter For Half, Special, Middle and Full Size Containers	A013.01	Single Textile Filter For Half, Special, Middle and Full Size Containers
A014.02	PTFE Filter For Mini Containers	A013.02	Single Textile Filter For Mini Containers
A014.03	PTFE Filter For Dental 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



Coloured Identification Label

Gy	naec	ology
	Spin	al
	E.N	л
	Gene	eral
Ne	urosu	irgery
	Micr	0

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

Coloured Identification Labes

COLOUR

YELLOW

RED

BLUE

GREEN

BLACK

Bottom n-Perforated

A020.01

A020.02

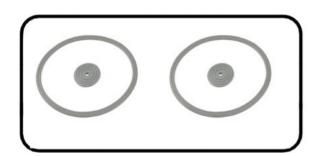
A020.03

A020.04

A020.05

A020.06

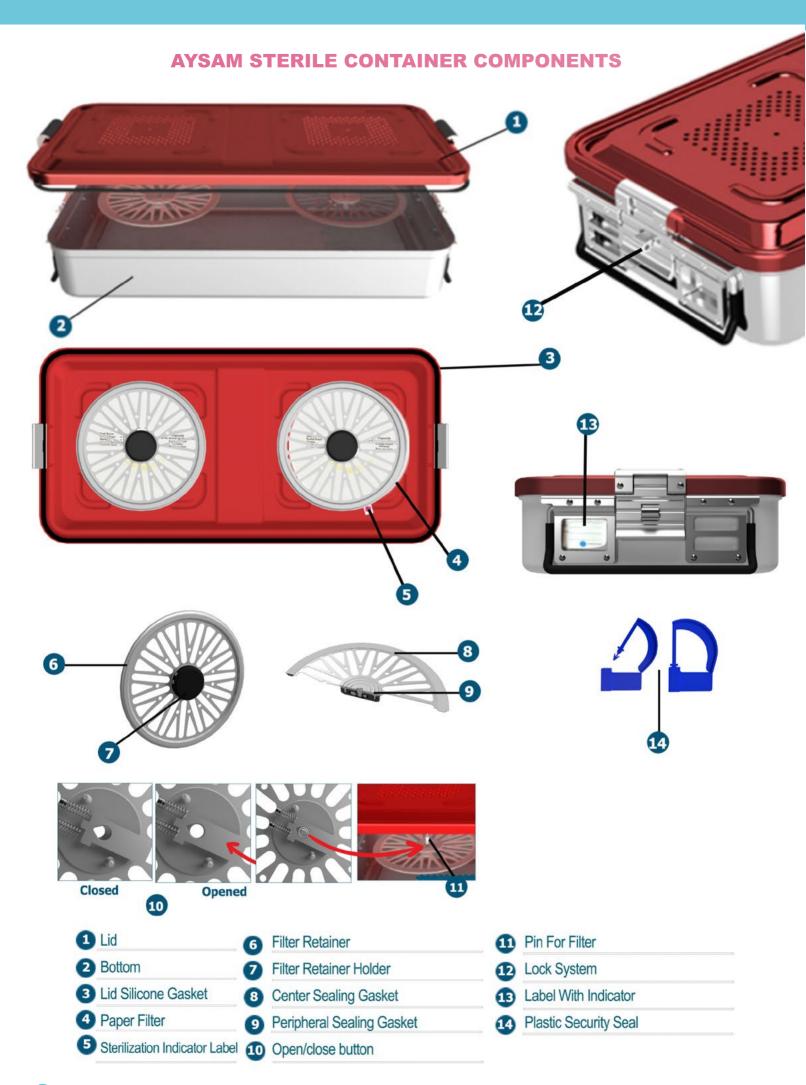
Sealing Gasket



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
BAOKR.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





- 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 compartments, 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

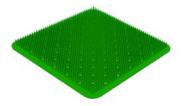
- The disposable consumables of the Container Systems are paper, textile, and Teflon filters, plastic security seals, and sterilization indicator labels.

- 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.

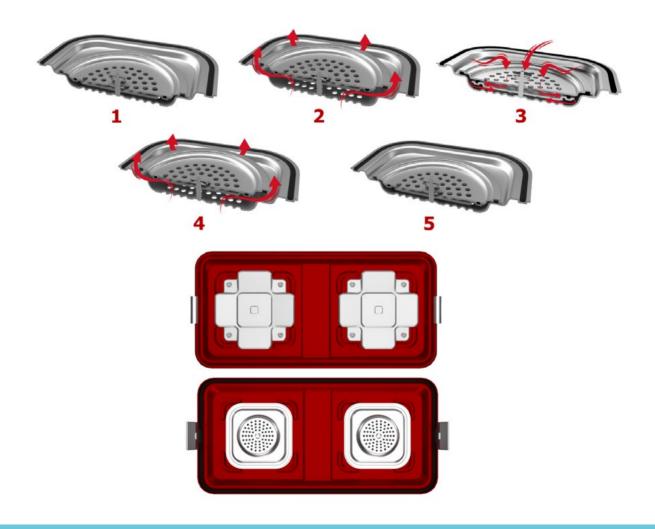
- Biobarrier Sterilization Container Systems are mechanical systems consisting of valves and silicon seals. During the sterilization;

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 value 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 INSTRUMENT CONTAINERS



STERILIZATION CONTAINERS AND ACCESSORIES



PERFORATED SHEET BASKETS



ORTHOPAEDIC SURGICAL INSTRUMENTS



ORTHOPAEDIC SURGERY INSTRUMENT SETS



TOTAL KNEE & HIP ARTHROPLASTY



MAXILLOFACIAL AND MANDIBLE



AYSAM | Bafra

Doğankaya Mahallesi, Organize Sanayi Bölgesi, 1.Cadde, No:51/1 Bafra, SAMSUN/TÜRKİYE

AYSAM | Tekkeköy

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

AYSAM | Istanbul

Molla Gürani Mah. Molla Gürani Cad. No:59/9 Fındıkzade Fatih, ISTANBUL/TÜRKİYE

AYSAM | Warehouse Kirazlık Mah 1034 Cd. No:14 Tekkeköv. SAMSUN/TÜRKİYE

Manufacturer of Orthopaedics & Medical Devices

quality & trust









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