# STERILIZATION CONTAINERS
## AND ACCESSORIES

### Product Catalogue

quality & trust

aysam

**Aysam** Produces, **The World** Uses.

## OUR VISION

Our vision is to become one of the world's leading medical device manufacturers by embracing the principles of **continuous improvement** and **quality in every detail.**

With sustainable growth, we strive to set new standards in the production of orthopaedic implants, surgical instrument sets, sterilization containers, perforated sheet baskets, orthopaedic instrument containers, arthroplasty products, and other advanced medical devices.

## OUR MISSION

We are committed to adding value to life with the belief that human health comes first. By producing innovative, high-quality medical devices, we aim not only to meet but to exceed our customers' expectations.

## QUALITY ASSURANCE SYSTEM

Our commitment to quality is certified with ISO 13485, ISO 9001, ISO 45001 and ISO 14001 and CE standards, reflecting our dedication to excellence at every stage.

# ABOUT OUR HISTORY

For over 20 years, **Aysam** has been manufacturing sterile container systems, sheet baskets, and accessories to serve the global medical community. With a young, dynamic, and expert team, Aysam continues to design and develop **innovative sterile container solutions** tailored to diverse medical needs.

To deliver faster and higher-quality responses to customer demands, we continuously invest in the training and development of our staff. This ensures lasting **satisfaction for customers, patients, and healthcare professionals** alike. Through ongoing education and innovation, we strengthen both individual and corporate quality.

Scientific studies conducted with Aysam Medical Devices have been published in respected international journals. Staying true to our values of patient health, customer satisfaction, and uncompromising quality, Aysam continues to grow with an **open approach to innovation** and the **evolving needs of modern healthcare**.
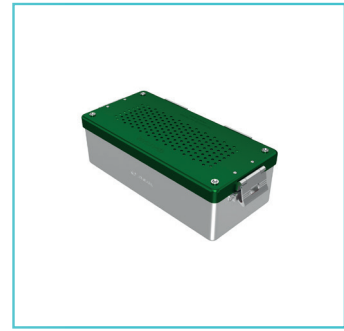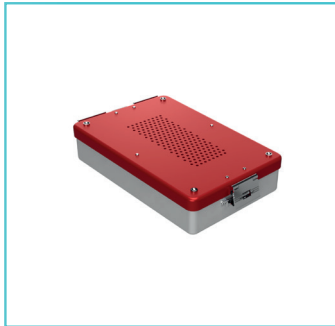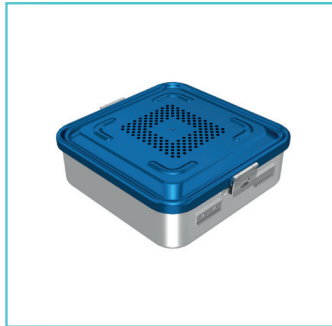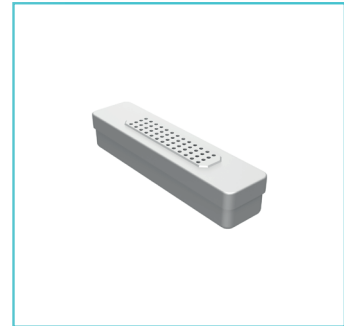
**Basic Model**

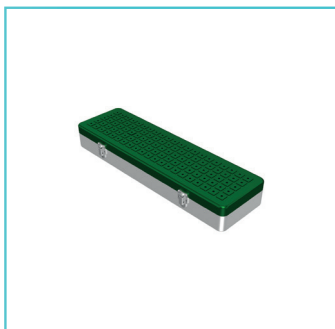**Bio-Barrier Model**

**Mini Containers**

**Dental Containers**
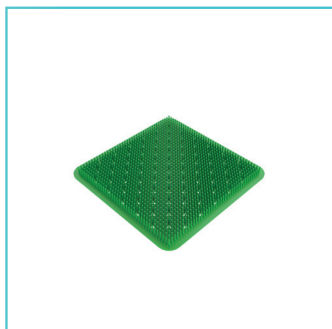
**Flat Containers**

**Endoscopy Containers**
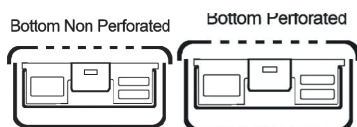
**Implant Containers**

**Silicone Mat**

**Paper Filter**

# TABLE OF CONTENTS
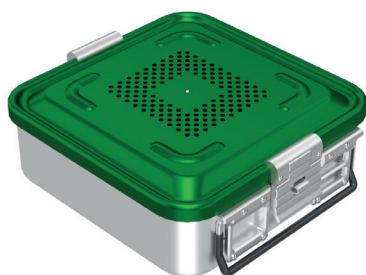
## Basic Model - Half Size Containers



**Bottom Non Perforated** | **Bottom Perforated**

### 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



**Bottom Non Perforated** | **Bottom Perforated**
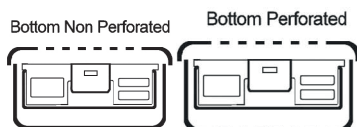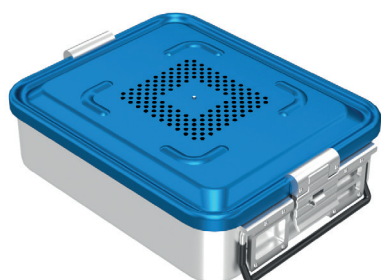
### outside dimensions / mm
### 370x280x100

| 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
### 370x280x135

| 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
### 370x280x150

| 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 |
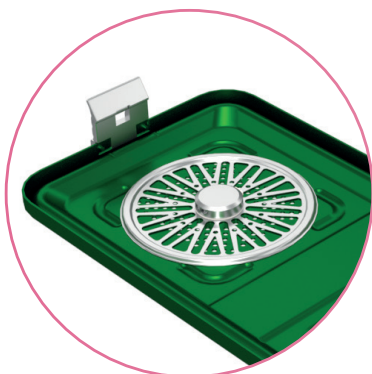
## Basic Model - Middle Size Containers
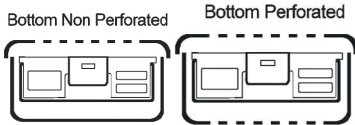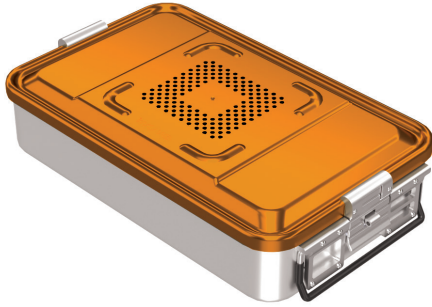


Bottom Non Perforated    Bottom Perforated



### 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
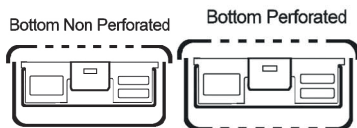


Bottom Non Perforated    Bottom Perforated

### 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



Bottom Non Perforated
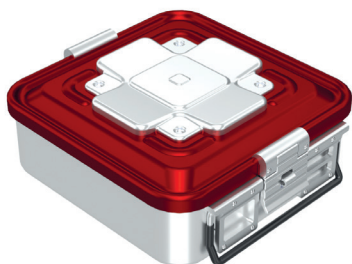
### outside dimensions / mm
### 285x280x100

| 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 |
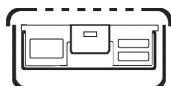
### outside dimensions / mm
### 285x280x200

| 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
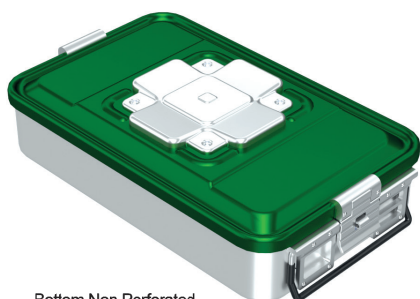


Bottom Non Perforated
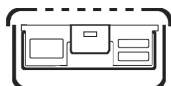


### outside dimensions / mm
### 465x280x100

| 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 |
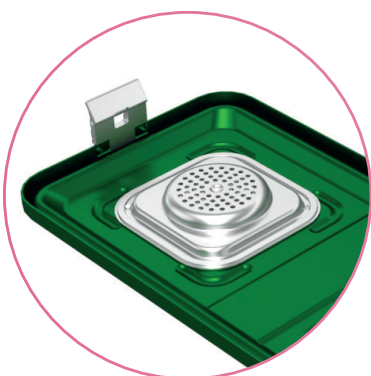
## Bio-Barrier Model - Full Size Containers



Bottom Non Perforated
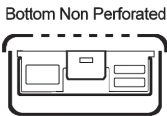


**outside dimensions / mm**
### 580x280x100

| 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



Bottom Non Perforated
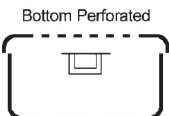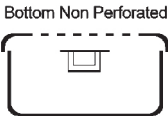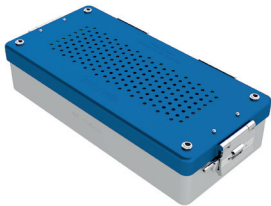


Bottom Perforated



**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



Bottom Non Perforated    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**
### 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 |
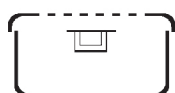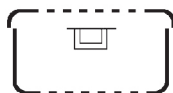
**outside dimensions / mm**
### 310x190x100

| 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



Bottom Non Perforated    Bottom Perforated
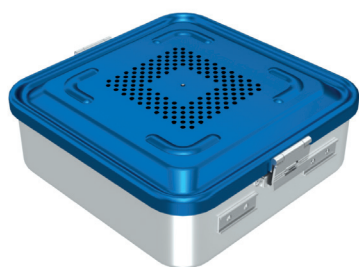
**outside dimensions / mm**
### 285x280x55

| 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 |
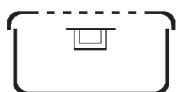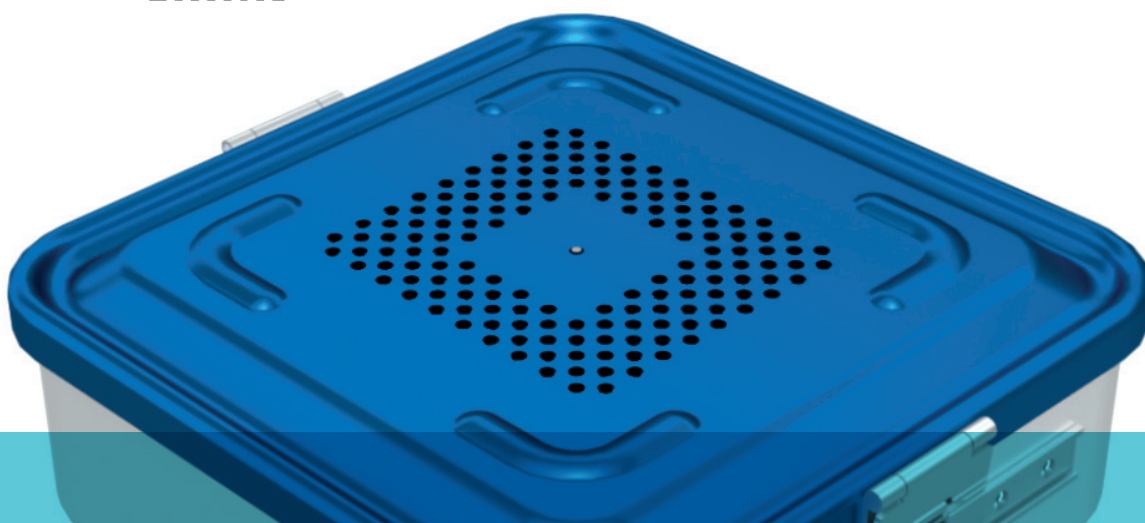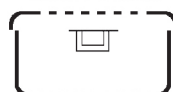
## Endoscopy Containers



**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
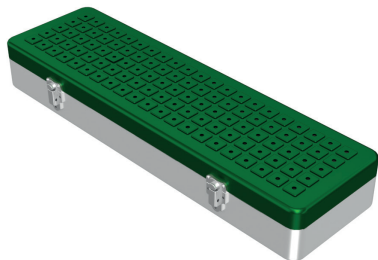


**Bottom**
**Perforated ( Non Filter )**



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 |
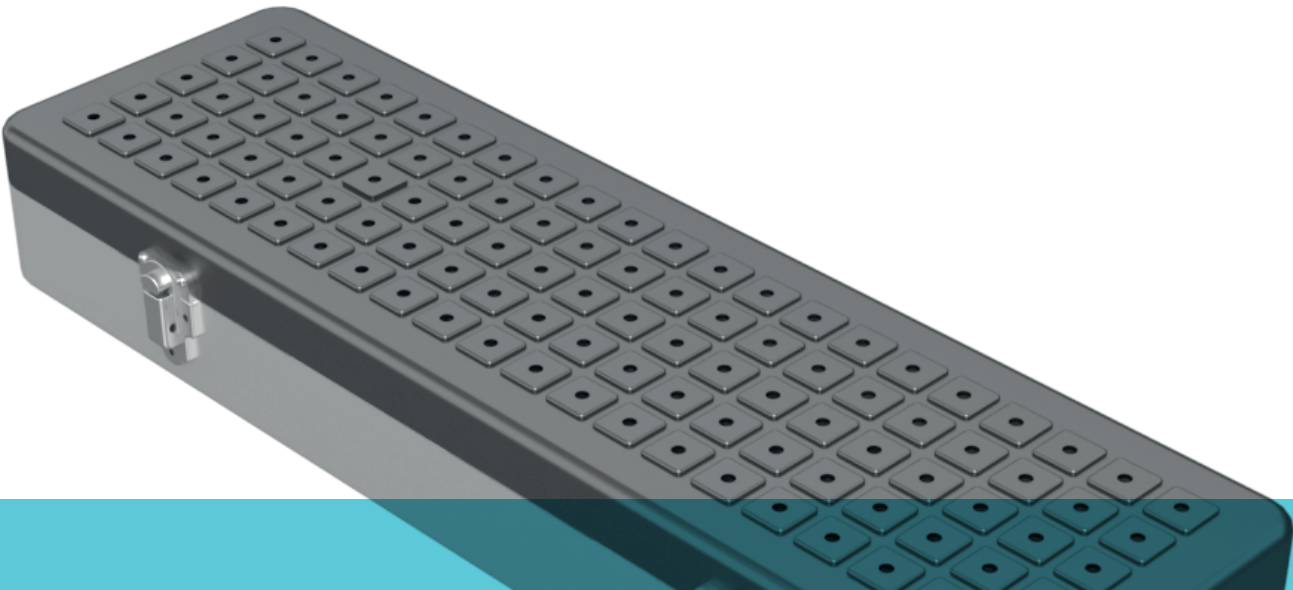
## Teflon Filter



| 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 | Plastic Security Seal 100 Pcs Small |
| A011.01-01 | Plastic Security Seal Small |

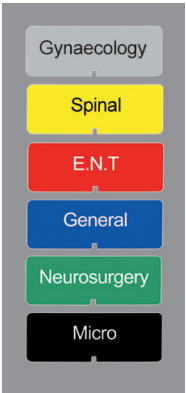| CAT.NO. | PRODUCT NAME |
|---|---|
| A011.02 | Plastic Security Seal (With Indicator) -Short- 100 Pcs |
| A011.02-01 | Plastic Security Seal (With Indicator) Small |

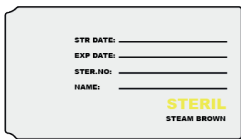| CAT.NO. | PRODUCT NAME |
|---|---|
| A011.03 | Plastic Security Seal (With Indicator) -Long- 100 Pcs |
| A011.03-01 | Plastic Security Seal (With Indicator) -Long- |

| CAT.NO. | PRODUCT NAME |
|---|---|
| A011.04 | Plastic Security Seal 100 Pcs Long |
| A011.04-01 | Plastic Security Seal Long |

## Coloured Identification Label

Gynaecology

Spinal

E.N.T

General

Neurosurgery

Micro

### 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

STR DATE: _____
EXP DATE: _____
STER.NO: _____
NAME: _____
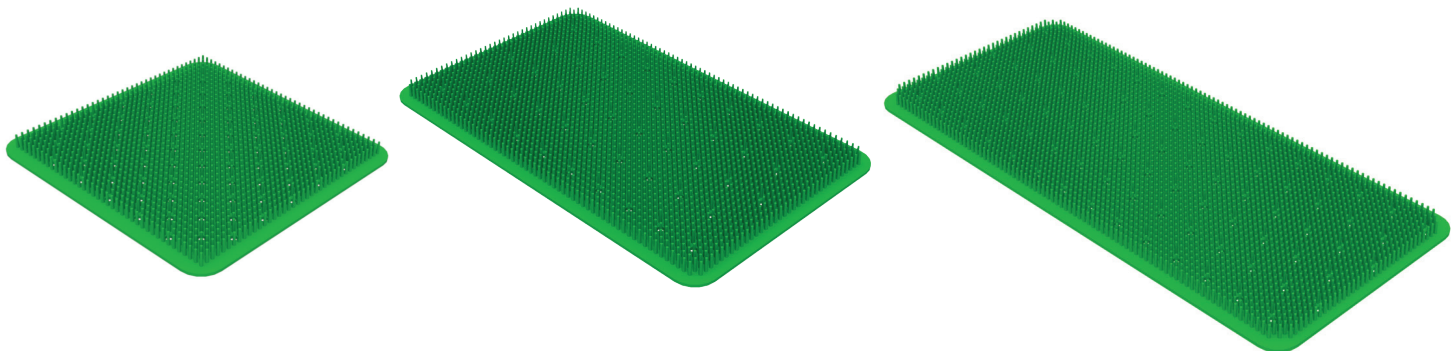
**STERIL**
**STEAM BROWN**

| 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
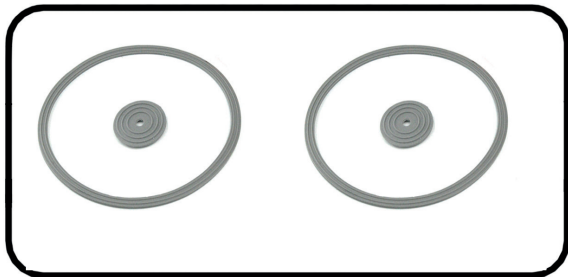
| CAT.NO. | PRODUCT NAME |
|---|---|
| BA000.FU0-15 | Basic full size box lid wick gasket |
| BA000.HA0-15 | Basic half size box lid wick gasket |
| BA000.MI0-15 | Basic middle size box lid wick gasket |
| BA000.SI0-15 | Basic special size box lid wick gasket |
| BA0KR.0Fİ-03-02 | Basic box chrome filter 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 | **6** | Filter Retainer | **11** | Pin For Filter |
| **2** | Bottom | **7** | Filter Retainer Holder | **12** | Lock System |
| **3** | Lid Silicone Gasket | **8** | Center Sealing Gasket | **13** | Label With Indicator |
| **4** | Paper Filter | **9** | Peripheral Sealing Gasket | **14** | Plastic Security Seal |
| **5** | Sterilization Indicator Label | **10** | Open/close button | | |

Closed    Opened

- 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.
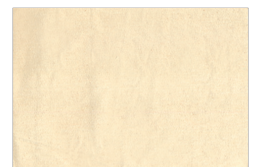


- For the stacking of small, mini, and micro-instruments in the container, it is recommended to use a silicone mat on the floor.
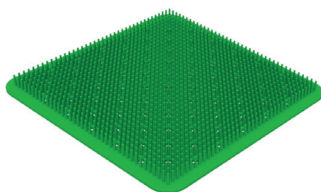


- Sheet/wire baskets of Aysam containers can be cleaned and sterilized following the accepted instructions and using the same procedures as Aysam Sterilization Container bottoms.

## 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.



1   2   3

4   5
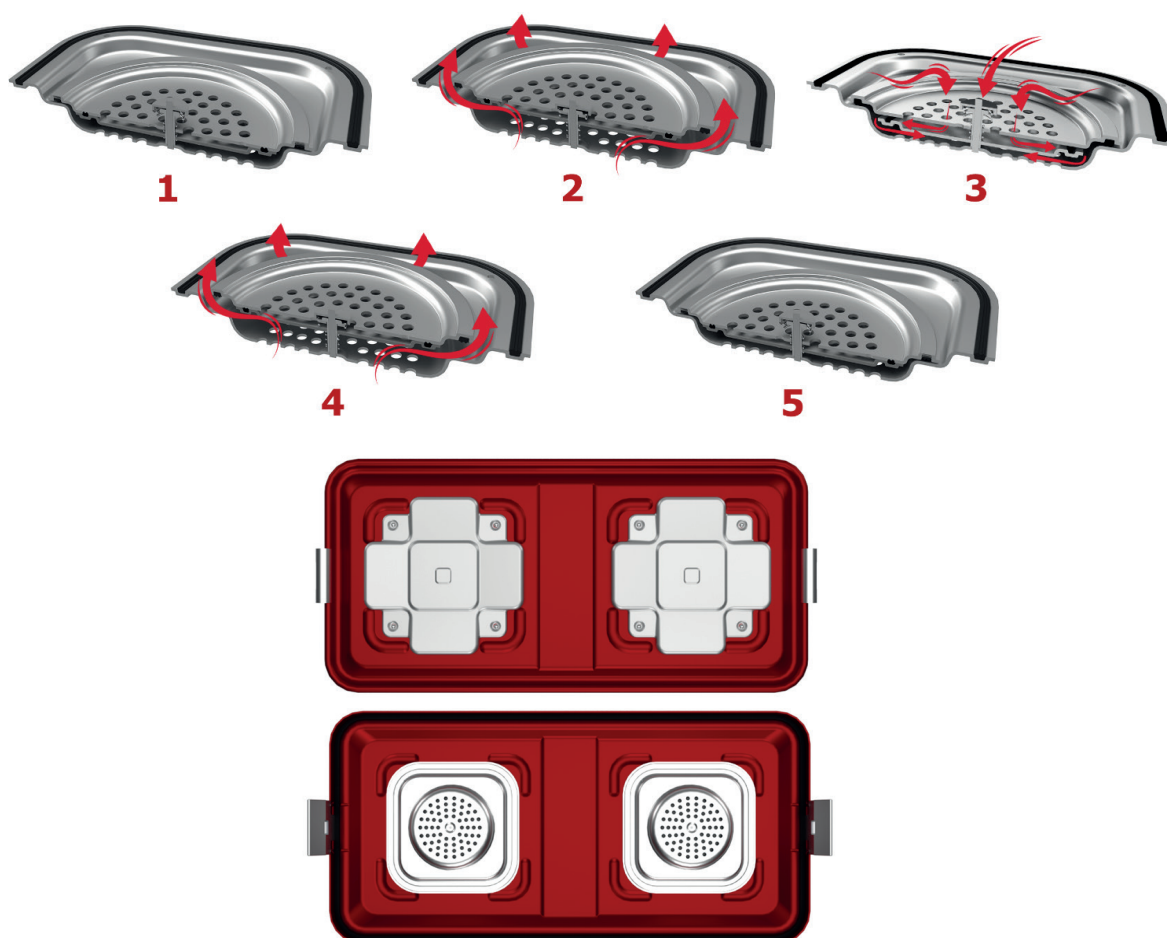
Aysam, which has been exporting to five continents of the world for twenty years, has been increasing the number of distributors and dealers day by day and advancing confidently towards its goals. Besides, Aysam continues its activities with companies of distributor and dealer in full harmony and loyalty. 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.
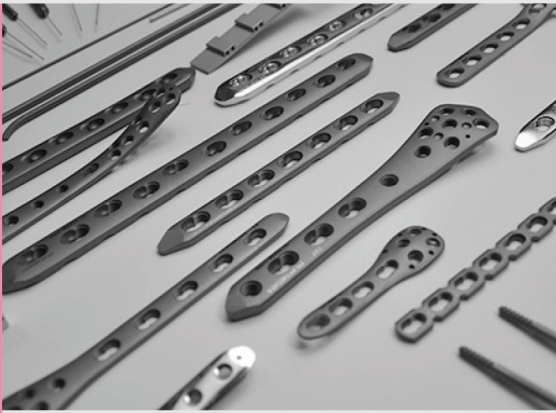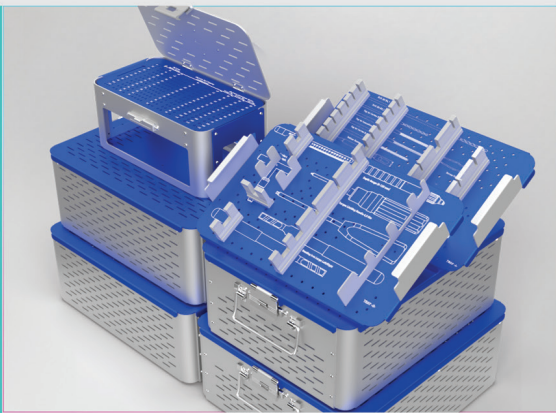
**ORTHOPAEDIC TRAUMA PRODUCTS**



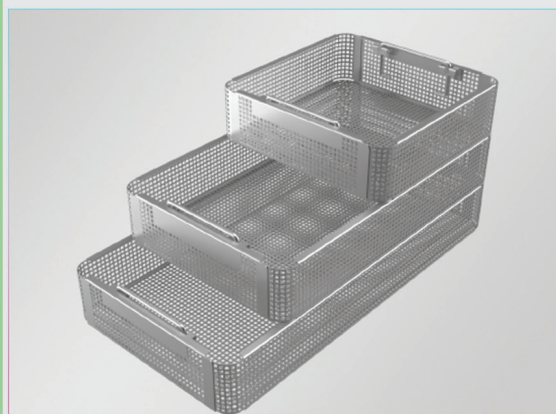**ORTHOPAEDIC SURGICAL INSTRUMENTS**



**ORTHOPAEDIC INSTRUMENT CONTAINERS**



**ORTHOPAEDIC SURGERY INSTRUMENT SETS**



**STERILIZATION CONTAINERS AND ACCESSORIES**



**TOTAL KNEE & HIP ARTHROPLASTY**



**PERFORATED SHEET BASKETS**



**MAXILLOFACIAL AND MANDIBLE**

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