

# AYGUN®

SURGICAL INSTRUMENTS CO., INC.

Special lid design for stackability!

Optional OEM marking possibility!

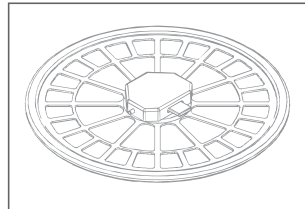
Internal gasket of the lid assures safe seal of the container.

Corrosion resistant lid and bottom made of 2 mm high quality special alloy aluminium!

- No extra cost for OEM marking!
- No extra cost for label marking!
- 6 different color for lid, labels and silicone handle options!

# Container system for sterilization...

*A greener alternative to wrapping method in sterilization,*



Sealed filter retainers having 2 springs inside and pre-tensioning feature enable fast, easy and secure change of the filters by seating solidly on the surface.



Locking mechanism ensures better grip with its flexible design structure including 2 springs inside and performing "single-step" movement.

Heat sensitive modular auto lock mechanism offers safer result for sterilization process.

Identification labels can be marked with up to 18 - 24 letters.

Wide, special design, silicone coated handles let easy and safe handling of the container and avoids hand injuries.

Emulating indicator window placed inside the container provides visual control without opening the lid after sterilization.

Face plates on both sides of the container are made of one single piece!



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PPSU  
It has a high heat distortion temperature up to 190° C and can be easily sterilized by superheated steam.



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**PPSU TRAYS FOR SET ORGANIZATION 118**



PPSU  
It has a high heat distortion temperature up to 190° C and can be easily sterilized by superheated steam.



# CONTAINER SYSTEMS FOR STERILIZATION



**Auto Lock Mechanism (Modular)**  
 > Patent Pending

A heat-sensitive automatic locking system in order to ease the sterilization control in CSSD.



**Window For Emulating Indicator**  
 > Patent Pending

The result of emulating indicator can easily be observed from the window after sterilization.



Silicone handle has available in six different colors and detachable by user.



Locking flaps are movable 180° on a pivot and can be secured in any position.



Plastic security seals are used to keep the container lock safe from unauthorized opening and automatically breaks up when locking flap is lifted.



By means of the locking latches, the holders of the filters enable the filters be changed quickly.



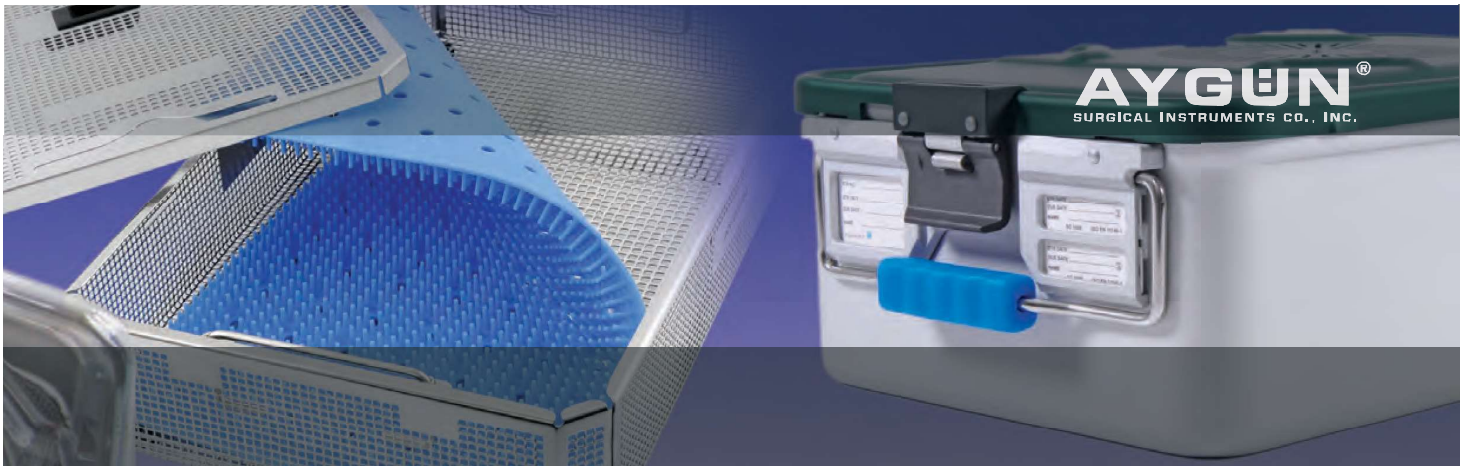
The mechanism of the lock can be utilized as the lid handle.



In reliable position, the containers can be put on top of each others without sliding over the sides.



Container lids made of PPSU polymer have an option of six different colors and a transparent one.



B3 container systems are available with an integrated safety lid which is optionally made from PPS or Aluminium.



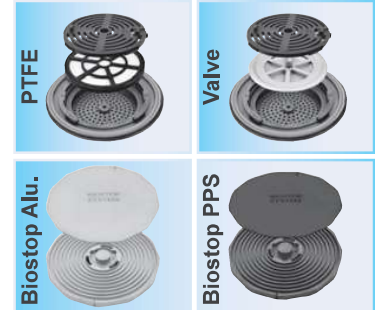
B3 biostop mechanism filtering system is also optionally available as PPS or Aluminium. Biostop mechanism is a maintenance free filtering system which provides lifetime use and protection according to Pasteur's swan neck flask experiment. The labyrinth shape air channel stops microorganisms and germs and does not need any consumables for reuse.



B3 PTFE filtering system is used with a 2000 cycles Teflon Filter which can easily be changed by the user.



B3 valve filtering system runs with mechanical valves inside it which is easy to open, clean and change the spares. The proper running of the mechanism can be smoothly checked by one touch control pin at the center of the system.



PTFE ⇄ Valve ⇄ Biostop

This container model can be used with PTFE filter, mechanical valve or biostop system without any extra lid cost.



Silicone fixation systems for fixing and protecting the instruments during sterilization and transportation.



Colored aluminium labels give the description and department of the sterile item and can easily slide into their slots.



Silicone gaskets placed around inside of the lid ensure a secure seal of the container.

**SUITABILITY OF OUR STERILE CONTAINERS FOR STEAM STERILIZATION PROCEDURES <sup>1)</sup>**  
as per DIN 58953 part 9

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

Explanation of symbols:      + applicable      - not applicable      ○ limited application

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

# STERILE CONTAINER SYSTEMS STANDARD MODEL



1/1 FULL SIZE



3/4 QUARTER SIZE



1/2 HALF SIZE



EXTRA LARGE SIZE



EXTRA LONG SIZE

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

Aygün standard model sterilization container systems are manufactured as five different length, width and height and can be supplied with perforated or non-perforated boxes, perforated lids and safety lids for effective external protection. These safety lids do not interfere with sterilization and they provides protection to the perforated lid and the filter system against hard objects, liquids and dust as a second lid. All models and sizes have specific baskets and accessories which can be viewed in following parts. Modular auto lock mechanism (thermo lock) promising sterility assurance and indicator window providing visibility of the indicator card result by visual control without opening the lid are also available for this sterilization container model.