BAHADIR USA (Immediate Use - Mini Flat Dental Series Container Systems)

INSTRUCTIONS OF USE

Bahadir Sterilization Containers are reusable, metal sterilization containers. They are designed for holding operating room instruments and/or textiles during the immediate use sterilization process.

This user manual describes important instructions on the proper usage and maintenance of Bahadir Sterilization Containers, and possible hazards that could result from failure to observe the instructions.

❖ **In order to prevent damage to the containers during usage it is important that the containers be handled by fully trained and qualified personnel in all areas of sterilization containers, hospital hygiene and sterilization technology.**

PRE-CLEANING:
✓ Remove lid and basket with instruments from the container.
✓ Separate the safety lid from the container lid. (if using safety lid)
✓ Remove filter retainer plate(s). (If bottom perforated, also remove retainer plates)
✓ Remove indicators and disposable security seals and disposable paper filter.

CLEANING AND DISINFECTION

Requirements according DIN 58953/9; Users have to specify by means of disinfection and cleaning plan, when and how the sterilization containers have to be cleaned and/or disinfected. Containers that are used for waste disposal have to be cleaned and disinfected each time after use.

🚫 **Do not use metal brushes or any abrasive cleaning material. Never use bleach or other corrosive chemicals to clean Bahadir Sterilization Containers. Abrasive products may cause chemical and physical corrosions that will void all manufacturer warranties.**

For more information concerning the inspection and cleaning of closed sterilization containers, please see Sections 5.2.3 and 7.5.9 of ANSI/AAMI ST79 Standard.

MANUAL CLEANING

1. Use a soft sponge and natural detergent (pH 7 phosphate-free)
2. Use demineralized warm water.
3. Rinse all the parts without leaving any stain or residue on them.
4. Thoroughly dry and store in a clean and dry environment.

MECHANICAL CLEANING

Mechanical cleaning of the containers is preferred to manual cleaning provided that the washing machine is designed for cleaning sterilization containers. This applies in particular to ensure secure placement in the washing baskets and arrangement of the spray jets and arms. Washer must also have a special washing program for aluminum containers.

🚫 Do not use any cleaning solutions that contain soda or caustic acid. Do not use acidic neutralizers**

1. Place the Bahadir Sterilization Container face down in the washing machine. (lids and baskets have to be removed and washed individually)
2. Use only natural detergent. (ph7 phosphate-free)
3. Rinse with demineralized water for final rinsing. (salt water may cause spotting during subsequent sterilizations)
4. Thoroughly dry and store in a clean and dry environment.

ASSEMBLY FOR USE

Users are responsible for pre-inspection prior to assembly for use of containment devices to verify that the gaskets in the lid and filter retention plates are in good working order, the plates properly seal over the vented area of the container lid and base, and that no rust or corrosion are present on any surfaces. Furthermore, the gasket should be intact and the edge of the container base nest properly within the container lid. Dents and deformations can affect the seal of the container compromising the integrity of the containment device.

Bahadir Sterilization Containers must be checked visually before each usage. Inspect the container bottoms, container lids and the surfaces where the seals sit must be free of dents, visible deformations, and anything else that might appear out of the ordinary. Do not use any spray oil or solvents on the lid seals. The seal in the inner lid must be completely inserted and undamaged. If there is any kind of damage detected lids should not be used.

PRE-ASSEMBLY INSPECTION AND PREPARATION:

- ✓ Select surgical instrument set for sterilization.
- ✓ Be sure all the components are completely dry.
- ✓ Select appropriate size baskets and containers.

Bahadir mini and dental sterilization containers are designed to be used with single-use paper filters validated for use with the containers (BAHADIR USA item number Y802.00). Flat containers are designed to be used with single-use paper filters validated for use with containers (BAHADIR USA item number Y800.00).

FILTER ASSEMBLY

1.Place one sheet of filter over each perforated section on the inside of the Bahadir Sterilization Container. (Make sure it covers all the perforation holes properly)

2. Make sure that the filters and filter retainers are placed properly. Slide filter retainer in and press. 'Click' sound should be heard indicating locking is realized.

For _perforated bottoms;_ place one filter over the perforated section in the bottom of the container. Make sure you hear the 'Click' sound while pressing on protruding pin. _Solid bottoms;_ There is no perforated section for this model and does not require a filter or retention plate.

CAUTION: Filters and filter retainers must show no visual deformations. These parts must be checked visually and for their functionality before usage.

INSTRUMENT AND CONTAINER ASSEMBLY

- Place thoroughly cleaned and dried instruments into the instrument basket(s) according to established hospital procedures. Complex instruments have to be prepared and sterilized according to the instrument manufacturer's instructions. Small baskets, trays and other types of accessories, especially with covers and lids, should only be used with the sterilization container which has been specifically designed for that purpose. The Containers have been validated for sterilization of up to 2 instruments with lumens no smaller than 1 mm in diameter and no longer than 200 mm in length for the Mini Flat and Dental Containers and air and power driven instruments.
- Place instrument basket(s) into the prepared container bottom.
- Place assembled lid on to the container bottom, aligning handles on bottom with latches on lid. Simultaneously close both locking latches on the lid.

CAUTION: Leave one inch of free space between the instruments and the inside of the container lid for effective processing.

PROCESSING ASSEMBLY

1. Select the appropriate indicator card and insert into the holding brackets on the outside of the container.
2. Insert the security seals (Y819.00).
3. Secure and Lock.

NOTE

1. Bahadir Sterilization Containers are protected by disposable plastic security seals which once attached can be opened only by breaking which prevents inadvertent opening of the containers, and ensures that it is evident whether or not the sterility of the contents has been compromised.
2. Use of internal and external indicators should be in accordance with in-house protocol that is determined by the user.

LOADING THE STERILIZER

Bahadir Sterilization Containers must be placed horizontally in the sterilizer for effective sterilization and drying.

STACKING:

Stacking not recommended.

CAUTION: Do not cover filter perforated section with paper wrapped instruments or any other objects that could obstruct the airway and steam flow. This obstruction may cause permanent damage to the container.

PROCESSING

The loading instructions of the sterilizer manufacturer should be observed. High vacuum (pre-vacuum three pulse, standard) Temp: 270° Exposure Time: 4 minutes (minimum)

CAUTION: To safeguard against accidents (burns, dropping, etc.), containers that are still hot should never be handled with bare hands. Containers need to remain on the container cart, in draft free area until cool enough to handle.

BAHADIR USA CONTAINER SYSTEM WARRANTY

BAHADIR USA hereby warranties all products carrying the registered trademark and logo of BAHADIR USA purchased directly from BAHADIR USA or an authorized dealer in accordance with the following terms and conditions: The warranty period of Bahadir Sterilization Containers is two years from the date of purchase. Bahadir Sterilization Containers are guaranteed to be free from defects in material and workmanship when used for its intended purpose. Containers that prove defective in material or workmanship will either be repaired/replaced free of charge during the warranty period. Containers that are not purchased from BAHADIR USA or an authorized source may not meet BAHADIR USA quality standards.

Repair or Replacement:
Under this warranty, BAHADIR USA will repair or replace any parts and determine the nature of any defect, the necessity and manner of repair or replacement, and all other matters pertaining to the conditions of the Bahadir Sterilization Container systems. All devices returned for repair or replacement are assessed on an individualized basis, and may result in either repair or replacement upon thorough inspection and evaluation with the safety and integrity of the device as our foremost concern.
Repair will be limited to components which would not affect the performance of the containers with regards to sterilization, such as handles. Containers which have damage to the frame or seal areas which could affect the integrity of the system will be replaced.

EXCLUSIONS

This warranty shall not apply to any condition(s) or damage resulting from misuse, improper cleaning, improper handling, negligence, improper opening or unauthorized repair work including but not limited to: Incidents of abuse such as denting of Bahadir Sterilization Container due to dropping or other instances of mechanically applied pressure. Damage determined to be related to caustic or abrasive cleaning agents, items modified by the customer, items modified or customized by BAHADIR USA at the request of the customer, damage from fire, flood and other occurrences not under the control of BAHADIR USA.

Please direct your questions regarding this warranty to:

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Maximum Recommended Load   **(including basket and contents)**

Model	Dimensions (mm)	LBS.
1/1 Size **Container**	580X280X100	24.75
	580X280X135	24.75
	580X280X150	24.75
	580X280X200	24.75
	580X280X260	24.75
3/4 Size **Container**	465x280x100	12.5
	465x280x135	12.5
	465x280x150	12.5
1/2 Size **Container**	285x280x100	9.25
	285x280x135	9.25
	285x280x150	9.25
	285x280x200	9.25
	285x280x260	9.25
Wide Body **Container**	600x400x120	24.75
	600x400x180	24.75
Flat **Container**	285x280x55	9.25
	285x280x85	9.25
Mini **Container**	300x140x40	6.0
	300x140x70	6.0
	300x140x100	6.0
Dental **Container**	310x190x40	9.25
	310x190x65	9.25
	310x190x130	9.25

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