

Instructions for Use: Sterilizer Cleaning Brushes

Brand Name of Product	Sterilizer Cleaning Brushes
Generic Name of Product	Sterilizer Cleaning Brushes
Product Code Number(s)	SCBA-01, DB-01, TH-01, USB-01 TB-01, 545
Intended Use	To assist in the internal cleaning of autoclaves/sterilizers in conjunction with a cleaning solution as described in the sterilizer manufacturer's IFU.
Range of Applications for Product	Any autoclaves/sterilizers for which brushing of surface contamination is a recommended step in the cleaning process.
Key Specifications of Product	<p>545 Brush:</p> <ul style="list-style-type: none"> • Reusable • Handle- thermoplastic composite autoclavable • Brush catch- stainless steel • Fibers- thermoplastic compound with low absorbency. <p>Various size brushes:</p> <ul style="list-style-type: none"> • Reusable • Telescoping Handle: <ul style="list-style-type: none"> ○ TH-01: 54 inches to eight (8) feet ○ One (1)-inch diameter fiberglass ○ Telescoping fiberglass handle ○ Standard 3/4-inch thread push brooms, sweeps, squeegees, and floor scrubs. • Deck Brush: <ul style="list-style-type: none"> ○ DB-01: 10-inch dual surface floor scrub with side bristles ○ Resist absorbing oils and moisture, washes easily. ○ Split shape cleans flat surfaces, under counters, and around equipment. ○ Foam-injected block provides durability. ○ Standard 3/4-inch five (5) ACME thread fits a variety of standard threaded handles. ○ BPA free. • Utility Scrub Brush: <ul style="list-style-type: none"> ○ USB-01: Eight (8)-inch white brush ○ Nylon Bristles ○ BPA free ○ Pistol grip handles and bristles are designed to work in the most comfortable positions and provide the most efficient cleaning. ○ Break resistant plastic handles, lightweight, and soak proof. • Tank Brush: <ul style="list-style-type: none"> ○ TB-01: 5 1/2- W x 9 inches L ○ Hygienic oval tank brush ○ White chemical resistant polypropylene block ○ Standard 3/4-inch threaded handle required.

Shipping & Storage	
Shipping Conditions & Requirements	N/A
Storage Conditions	<ul style="list-style-type: none"> • Store in a clean environment protected from light. • Avoid compression of brushing during storage.
Packaging Contents	N/A
Shelf Life	N/A

Instructions for Using Product

Description of Use(s)	For internal cleaning of autoclaves/sterilizers with a cleaning solution as described in the manufacturer's (Mfr.'s) IFU.
Preparation for Use	<ul style="list-style-type: none"> ● Attach the Tank Brush or Deck Brush to the Telescoping Handle prior to use. ● Before each use, check the integrity and the condition of the brush. ● Replace any worn brush prior to use. <ul style="list-style-type: none"> ○ Deck Brush is a dual surface brush that can be used to clean the floor/bottom of the autoclave/sterilizers while simultaneously cleaning the sides and corner angles with its side bristles. ○ Tank Brush ensures cleaning action from any angle. ○ Utility Scrub Brush has a pistol/ergonomic grip aiding the cleaning of any area of the autoclave/sterilizer. ○ Double Ended Acetabular Reamer 545 Brush can also be used to clean the drain strainer found on the floor/bottom of the autoclaves/sterilizers.
Diagrams (drawings, pictures)	N/A
Steps for Use of Product	<ol style="list-style-type: none"> 1. Consult the Mfr.'s IFU for the item you are cleaning and follow those instructions closely. 2. Prepare a cleaning solution and submerge the Tank Brush, Deck Brush, Utility Scrub Brush, and 545 Brush. NOTE: The 545 Brush is a good source for cleaning drain strainers. 3. After ensuring the bristles of the brushes are wet, start the cleaning process.
Interpretation of Test Results	N/A
Contraindications of Test Results	N/A
Documentation	N/A
Special Warnings and Cautions	<ul style="list-style-type: none"> ● Brushes are intended for use as a cleaning tool only. Not for use in patient care or aseptic techniques. ● Wear PPE in compliance with facility policy. ● It is recommended that brushes are cleaned during and between each use and disinfected at least daily. See instructions for reprocessing below. ● ⚠ Caution: Products will be hot when unloading machine. ● After sterilization, allow the brushes to cool down prior to handling.
Disposal	Dispose of in biohazard container with other potentially contaminated items.

Reprocessing Instructions	
Point of Use	<ol style="list-style-type: none"> 1. Rinse gross contaminants from the brush in a deep sink using a spray apparatus (e.g., shower gun) to remove any debris and cleaning agent. 2. Use the facility's cold-water supply for this rinsing. (To avoid corrosion, do not immerse brushes in chlorine, bleach or acid solutions.)
Preparation for Decontamination	N/A
Disassembly Instructions	For the Deck Brush and Tank Brush, detach each brush from the Telescoping Handle.
Cleaning – Manual	<ol style="list-style-type: none"> 1. Brushes may be cleaned manually utilizing an alkaline detergent or a suitable neutral pH enzymatic detergent for cleaning the types of soil the brush may come in contact with during cleaning (i.e., protease, lipase, etc.). 2. Follow the cleaning agent's IFU closely to ensure sufficient exposure time for the cleaning solution to work. 3. It is recommended that agitation accompany the cleaning process to improve results. 4. Thoroughly rinse cleaning solution from all surfaces of the brush.
Cleaning – Automated	<ul style="list-style-type: none"> ● Machine cleaning is recommended in a washer disinfector complying with the ISO 15883 series of standards. ● Brushes should be positioned in the washer to allow maximum water penetration and drainage. ● Do not overlap. Partially covered items will not be washed properly. ● Brushes should be secured in some way, such as the use of a wire or perforated tray having a wire or perforated lid to prevent brushes from blowing around the wash chamber during cleaning. A container (e.g., brush cleaning tube from Healthmark) is a suitable solution. ● Brushes can be cleaned with alkaline, acidic, and neutral pH detergents. ● For final rinse, AAMI Critical Water is recommended. ● The standard program to include: <ol style="list-style-type: none"> 1. Prewash with cold water (< 38 °C) rinse for a minimum of two (2) minutes.

	<ol style="list-style-type: none"> 2. Washing cycle with alkaline or enzymatic detergent at temperature recommended by the detergent Mfr. for a minimum of two (2) minutes. 3. Thermal disinfection up to 93 °C in compliance with the washer Mfr.'s recommendations for time and temperature. 4. Drying cycle at a temperature not to exceed 116 °C. 5. ⚠ Caution: Products will be hot when unloading machine. 6. Visual inspection is required to ensure complete removal of soil. 7. If there is visible soil, repeat the cleaning program.
Disinfection	<ul style="list-style-type: none"> • The thermal disinfection stage of an automated washer is sufficient for disinfection of the brush. • Minimum disinfection temperature is 82 °C (180 °F) for one (1)-minute. • Brushes may be disinfected with a liquid disinfectant in accordance with the disinfection Mfr.'s IFU. Be sure to check material compatibility information from the disinfection Mfr.
Drying	N/A
Maintenance, Inspection, and Testing	<ul style="list-style-type: none"> • Inspect for shifting/fraying of bristles position after multiple cycles of cleaning and sterilization. • Inspect for loose or missing or damaged bristles prior to each use. • Brushes should be inspected between use for any residue after cleaning. If there is visible soil the brush should be cleaned in accordance with method(s) described above. • Tank, Utility, and Deck Brushes: Maximum of 10 uses. • 545 Brush: maximum use life is one (1)-month.
Reassembly Instructions	Reattach the Deck Brush and Tank Brush to the telescoping handle after sterilization.
Packaging	N/A
Sterilization	<p>Pre-vac sterilization:</p> <ul style="list-style-type: none"> • Deck, Utility and Tank Brushes: <ul style="list-style-type: none"> ○ 132 °C (270 °F) for four (4) minutes ○ 135 °C (270 °F) for three (3) minutes ○ Maximum temperature and time are 135 °C (275 °F) for 30 minutes. • 545 Brush: <ul style="list-style-type: none"> ○ Terminal sterilization of brushes is not normally necessary. However, this brush is compatible with steam sterilization. ○ Maximum number of recommended sterilization cycles is 30 cycles. ○ If steam sterilizing, recommended cycles are: <ul style="list-style-type: none"> ▪ 132 °C (270 °F) for four (4) minutes ▪ 135 °C (275 °F) for three (3) minutes. ▪ Maximum sterilization cycle time is 20 minutes.
Storage	<ul style="list-style-type: none"> • Store in a clean environment protected from light. • Avoid brush compression during sterilization and storage.
Additional Information	Follow all Mfr.'s directions for proper usage and disposal of all cleaning agents and chemical disinfectants agents.
Related Healthmark Products	Brushes
Other Product Support Documents	ProSys™ Brochure, ProSys™ Price List
Reference Documents	N/A
Customer Service Contact	Healthmark Industries Company, Inc. 18600 Malyn Blvd. Fraser, MI 48026 1-586-774-7600 healthmark@hmark.com hmark.com