



**Instructions for Use: LTA Double End Acetabular Reamer Brush**

<b>Brand Name of Product</b>	LTA Double End Acetabular Reamer Brush
<b>Generic Name of Product</b>	Double End Reamer Brush
<b>Product Code Number(s)</b>	545
<b>Intended Use</b>	For cleaning acetabular reamers
<b>Range of Applications for Product</b>	For cleaning in the grooves of the acetabular reamers
<b>Key Specifications of Product</b>	<ul style="list-style-type: none"> <li>● Handle- thermoplastic composite autoclave</li> <li>● Brush catch- stainless steel</li> <li>● Fibers- thermoplastic compound with low absorbency</li> </ul>

<b>Shipping &amp; Storage</b>	
<b>Shipping Conditions &amp; Requirements</b>	
<b>Storage Conditions</b>	Store in a clean environment, protected from light. Avoid compression of brush during storage.
<b>Packaging Content</b>	
<b>Shelf Life</b>	

<b>Instructions for Using Product</b>	
<b>Description of Use(s)</b>	Brushing debris out of the grooves of the acetabular reamer.
<b>Preparation for Use</b>	Before each use, check the integrity and the condition of the brush. Replace any worn brush prior to use.
<b>Diagrams (drawings, pictures)</b>	
<b>Steps for Use of Product</b>	<ol style="list-style-type: none"> <li>1. Consult the manufacturer’s IFU for the item you are cleaning and follow the instructions closely.</li> <li>2. Visually inspect around the acetabular reamer and in the grooves of the item and brush away the debris under water.</li> </ol>
<b>Interpretation of Test Results</b>	
<b>Contraindications of Test Results</b>	
<b>Documentation</b>	
<b>Special Warnings and Cautions</b>	<ul style="list-style-type: none"> <li>● This brush is intended for use as a cleaning tool only. This is not for use in patient care or aseptic techniques.</li> <li>● Wear PPE in compliance with facility policy.</li> <li>● Clean between each use and disinfect at least daily, preferably between each use. See instructions for reprocessing below.</li> </ul>
<b>Disposal</b>	Dispose of in biohazard container with other potentially contaminated items.

<b>Reprocessing Instructions</b>	
<b>Point of Use</b>	<ol style="list-style-type: none"> <li>1. Rinse gross contaminants from the brush in a deep sink using a spray apparatus, such as a shower gun.</li> <li>2. Use the facility’s cold-water supply for this rinsing (to avoid corrosion, do not immerse brushes in chlorine, bleach or acid solutions).</li> </ol>
<b>Preparation for Decontamination</b>	
<b>Disassembly Instructions</b>	
<b>Cleaning – Manual</b>	<ol style="list-style-type: none"> <li>1. Brushes may be cleaned manually utilizing a facility-approved, high alkaline detergent or a facility-approved, enzymatic detergent with the suitable enzymes for cleaning the types of soil the brush may come in contact with during cleaning (i.e., protease, lipase, etc.).</li> <li>2. The IFU for the cleaning agent should be followed closely to ensure sufficient exposure time is allowed for the cleaning solution to work.</li> <li>3. It is recommended that agitation accompany the cleaning process to improve results.</li> <li>4. Thoroughly rinse cleaning solution from all surfaces of the brush.</li> </ol>

<b>Cleaning – Automated</b>	<ol style="list-style-type: none"> <li>1. Machine cleaning is recommended in a washer disinfector meeting the requirements of AAMI/ISO 15883-1.</li> <li>2. Products should be positioned in the washer to allow maximum water penetration and drainage.</li> <li>3. No overlapping - partially covered devices will not be washed properly.</li> <li>4. Brushes should be secured in some way, such as the use of a wire or perforated tray that has a wire or perforated lid to prevent brushes from blowing around the wash chamber during cleaning. A container, such as the brush cleaning tube from Healthmark, is a suitable solution.</li> <li>5. Products can be cleaned with alkaline, acidic and neutral detergents.</li> <li>6. For final rinse, AAMI TIR34 Critical Water is recommended.</li> <li>7. The standard program includes: <ol style="list-style-type: none"> <li>1. Pre-wash with cold water (&lt;100°F) rinse for a minimum of 2 minutes.</li> <li>2. Washing cycle with alkaline or enzymatic detergent at temperature recommended by the detergent manufacturer for a minimum of 4 minutes.</li> <li>3. Washing cycle with neutral pH or neutralizing detergent at temperature recommended by the detergent manufacturer for a minimum of 2 minutes.</li> <li>4. Rinse cycle for a minimum of 1 minute.</li> <li>5. Thermal disinfection rinse at a minimum temperature of 180°F for a minimum of 1 minute. For final rinse, AAMI TIR34 Critical Water is recommended.</li> <li>6. Drying cycle at temperature not to exceed 240°F.</li> <li>7. Use caution when unloading machine as products will be hot.</li> <li>8. Visual inspection is required to ensure complete removal of soil.</li> <li>9. If visual soil remains, reclean.</li> </ol> </li> </ol>
<b>Disinfection</b>	<ul style="list-style-type: none"> <li>● The thermal disinfection stage of an automated washer is sufficient for disinfection of the brush.</li> <li>● Minimum disinfection temperature is 180°F for 1 minute.</li> <li>● Brushes may be disinfected with a liquid disinfectant in accordance with the disinfection manufacturer’s IFU and facility policy. Be sure to check material compatibility information from the disinfection manufacturer.</li> </ul>
<b>Drying</b>	
<b>Maintenance, Inspection, and Testing</b>	<ul style="list-style-type: none"> <li>● Inspect for wear, fraying or damaged bristles. If observed, the brush should be discarded in compliance with the disposal instructions described above.</li> <li>● 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.</li> <li>● Recommended maximum use life: 1 month.</li> </ul>
<b>Reassembly Instructions</b>	
<b>Packaging</b>	
<b>Sterilization</b>	<ul style="list-style-type: none"> <li>● Terminal sterilization of brushes is not normally necessary. However, this brush is compatible with steam sterilization.</li> <li>● Maximum number of recommended sterilization cycle is 30 cycles.</li> <li>● If steam sterilizing, recommended cycles are: 270°F/4 minutes or 275°F/3 minutes.</li> <li>● Maximum sterilization cycle time is 20 minutes.</li> </ul>
<b>Storage</b>	Store in clean environment, protected from light. Avoid brush compression during sterilization and storage.
<b>Additional Information</b>	Follow all manufacturer’s directions for proper usage and disposal of all cleaning agents and chemical disinfectants agents.
<b>Related Healthmark Products</b>	
<b>Other Product Support Documents</b>	ProSys™ Brochure, ProSys™ Price List
<b>Reference Documents</b>	
<b>Customer Service Contact</b>	Healthmark Industries Company, Inc. 18600 Malyndale Blvd. Fraser, MI 48026 1-586-774-7600 <a href="mailto:healthmark@hmark.com">healthmark@hmark.com</a>

