



## Instructions for Use: LTA Ergonomic External Cleaning Brushes

<b>Brand Name of Product</b>	LTA Ergonomic External Cleaning Brushes
<b>Generic Name of Product</b>	Brushes
<b>Product Code Number(s)</b>	510, 510C, 520, 530, 540, 550, 550C
<b>Intended Use</b>	Designed for external cleaning of hard surface items. The 530 contains soft fibers for cleaning of delicate items.
<b>Range of Applications for Product</b>	Designed for external cleaning of hard surface items.
<b>Key Specifications of Product</b>	<ul style="list-style-type: none"> <li>Ergonomic handle made of composite thermoplastic</li> <li>Fibers are thermoplastic compound with low absorbency level</li> </ul>

<b>Shipping &amp; Storage</b>	
<b>Shipping Conditions &amp; Requirements</b>	
<b>Storage Conditions</b>	Avoid compression of the brush
<b>Packaging Contents</b>	
<b>Shelf Life</b>	<ul style="list-style-type: none"> <li>550C change every month</li> <li>510C, 530, 540, 550 change every 2 months</li> <li>510 &amp; 520 change every 3 months</li> </ul>

<b>Instructions for Using Product</b>	
<b>Description of Use (s)</b>	
<b>Preparation for Use</b>	Before each use, check the integrity and the condition of the brush. Replace any worn or damaged brush
<b>Diagrams (drawings, pictures)</b>	
<b>Steps for Use of Product</b>	Consult the manufacturer's IFU for the item you are cleaning and follow those instructions closely. Pay close attention to recommendations on the material composition of the brush trim.
<b>Interpretation of Results</b>	
<b>Contraindications of Test Results</b>	
<b>Documentation</b>	
<b>Special Warnings and Cautions</b>	<ul style="list-style-type: none"> <li>External brushes are intended for use as cleaning tools only. They are not for use in patient care or aseptic techniques.</li> <li>Wear proper PPE in compliance with facility policy.</li> <li>Brushes should be cleaned between each use and disinfected at least daily, preferably between each use.</li> </ul>
<b>Disposal</b>	It is recommended to dispose of brushes in the biohazard container, because they are used to clean contaminated items.

<b>Reprocessing Instructions</b>	
<b>Point of Use</b>	
<b>Preparation for Decontamination</b>	<ol style="list-style-type: none"> <li>Rinse gross contaminants from the brush in a deep sink and a spray apparatus, such as a shower gun.</li> <li>Use the facilities cold water supply for this rinsing (To avoid corrosion do not immerse brushes in chlorine, bleach or acid solutions).</li> </ol>
<b>Disassembly Instructions</b>	
<b>Cleaning – Manual</b>	<ol style="list-style-type: none"> <li>Brushes may be cleaned manually utilizing an alkaline or an enzymatic detergent with the suitable enzymes for cleaning the types of soil the brush may come in contact with during cleaning.</li> <li>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>It is recommended that agitation accompany the cleaning process to improve results.</li> <li>Thoroughly rinse cleaning solution from all surfaces of the brush.</li> </ol>
<b>Cleaning – Automated</b>	<ol style="list-style-type: none"> <li>Machine cleaning is recommended in a washer disinfector compliant with AAMI/ISO 15883-1.</li> </ol>

	<ol style="list-style-type: none"> <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. Brushes are compatible with alkaline, acidic and neutral pH detergents.</li> <li>6. For the final rinse, AAMI TIR34 Critical water is recommended.</li> <li>7. The standard program to include: <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 of up to 195 °F in compliance with the washer manufacturer recommendations for time and temperature.</li> <li>6. Drying cycle at temperature not to exceed 240 °F.</li> <li>7. 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 product still shows soil, repeat the cleaning program.</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 cleaning brushes. Minimum temperature should be 180 °F.</li> <li>● Brushes may be disinfected with liquid disinfectants in accordance with the disinfection manufacturer's IFUs. Be sure to check material compatibility information from the disinfectant 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 also be inspected between each use for any residual organic soil. If there is visual soil, the brush should be cleaned in accordance with the method(s) described above.</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, these brushes are compatible with steam sterilization.</li> <li>● If steam sterilizing, recommended cycles are: 132 °C (270 °F) for 4 minutes or 135 °C (275 °F) for 3 minutes.</li> <li>● 510, 520, 530, 540- Maximum number of sterilization cycles are 200.</li> <li>● 550, 550C- Maximum number of sterilization cycles are 100.</li> </ul>
<b>Storage</b>	Avoid brush compression during storage.
<b>Additional Information</b>	Follow all manufacturer's directions for proper usage and disposal of all cleaning agents and chemical disinfectants.

<b>Related Healthmark Products</b>	Brush Cleaning Tools
<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 Malyn Blvd. Fraser, MI 48026 1-586-774-7600 <a href="mailto:healthmark@hmark.com">healthmark@hmark.com</a> hmark.com