


## Instructions for Use: Instrument Tube Brushes

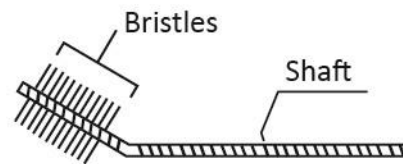
<b>Brand Name of Product</b>	Instrument Tube Brushes
<b>Generic Name of Product</b>	Instrument Tube Brushes
<b>Product Code Number(s)</b>	ITB-30-2, ITB2-30-2, ITB-30-4, ITB-30-6, ITB-30-9, ITB-30-12, ITB-30-15, ITB60-2, ITB2-60-2, ITB-60-4, ITB-60-6, ITB-60-9, ITB-60-12, ITB-60-15
<b>Intended Use</b>	Intended as a tool for the cleaning of internal lumens/channels.
<b>Range of Applications for Product</b>	Cleaning internal lumens/channels.
<b>Key Specifications of Product</b>	<ul style="list-style-type: none"> <li>• Single-use</li> <li>• Available in a variety of sizes</li> </ul>

<b>Shipping &amp; Storage</b>	
<b>Shipping Conditions &amp; Requirements</b>	
<b>Storage Conditions</b>	
<b>Packaging Conditions</b>	
<b>Shelf Life</b>	

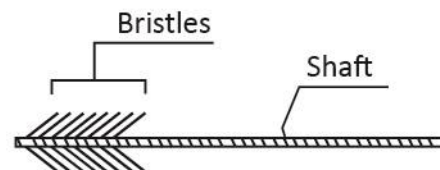
<b>Instructions for Using Product</b>	
<b>Description of Use(s)</b>	Intended as a tool for the cleaning of internal lumens/channels.
<b>Preparation for Use</b>	<ul style="list-style-type: none"> <li>• Cleaning a cannulated item requires the use of the proper size cleaning brush in accordance with the manufacturer's IFU.</li> <li>• The Healthmark Brush Sizing Chart or similar type of tool may be used to select the proper diameter of the brush. The diameter of the brush should be greater than the channel to be cleaned to ensure effective contact with surfaces.</li> <li>• It is important to select a brush that is longer than the channel to ensure that the entire channel receives cleaning action.</li> <li>• All bristles must exit the distal tip of the item being cleaned. This is important because the brush bristles must be inspected after each pass through the lumens or channels to see if there is any remaining bioburden or debris on or in the bristles.</li> </ul>  <ul style="list-style-type: none"> <li>• It is also important to be sure the material composition of the brush bristles is suitable for the item to be cleaned. This should be in compliance with the manufacturer's IFU.</li> <li>• Brushes should be inspected prior to each use to be certain they are not damaged, have loose, missing or frayed bristles, or other signs of damage. If discrepancies are noted, the brush should be discarded and not used.</li> <li>• Brushes should be cleaned in between each pass through of an item if being passed through more than once.</li> <li>• After each pass through of the lumen/channel, inspect the brush and the shaft to ensure that no damage has occurred during that pass through. If you notice broken or matted bristles or kinked or damaged shafts, dispose of the brush and use a new one to complete the cleaning process of that item.</li> </ul>
<b>Diagrams (drawings, pictures)</b>	



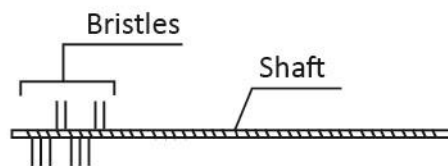
**Normal Brush**



**Damage to the Shaft**



**Fallen Bristles**



**Loose or Missing Bristles**

**Steps for Use of Product**

1. For the push method- Insert the cleaning brush into lumen using short strokes, feed the brush through the lumen until it emerges from the distal end of the lumen.
2. For the pull method- Insert the non-brush end of the brush into the lumen and then follow with the bristles. This insertion technique optimizes the cleaning action and prevents/reduces kinking or bending at the point where the brush is inserted.
3. It is important to make sure the brush is long enough to exit the lumen or channel completely when brushing so one can examine the bristles and clean them before used again.
4. While inserting the brush through the entire length of the lumen use a twisting (helical spinning of the brush) motion to help remove debris from the lumen.
5. While brushing, the brush should pass freely through the lumen, if significant resistance is encountered stop and pull back, continuing to brush through the resistance might cause damage to the lumen.

Consult the manufacturer's IFU of the item being cleaned and follow those instructions closely.

See Brush Support White Paper [click here](#):

**Interpretation of Results**

**Contraindications of Test Results**

<b>Documentation</b>	
<b>Special Warnings and Cautions</b>	<ul style="list-style-type: none"> <li>● These brushes are intended for use as cleaning tools only. They are not for use in patient care.</li> <li>● Wear proper PPE when cleaning contaminated items.</li> <li>● The brushes are intended for single-use. A “use” should be defined by the healthcare facility upon a multidisciplinary risk assessment. A “use” might be: <ul style="list-style-type: none"> <li>○ Each item</li> <li>○ Each set or case cart of instruments</li> <li>○ Each shift or day the brush is used</li> </ul> </li> </ul>
<b>Disposal</b>	Because tube brushes are utilized to clean patient-used items, it is recommended to dispose of them in the biohazard container with other contaminated items.

<b>Reprocessing Instructions</b>	
<b>Point of Use</b>	
<b>Preparation for Decontamination</b>	
<b>Disassembly Instructions</b>	
<b>Cleaning – Manual</b>	
<b>Cleaning – Automated</b>	
<b>Disinfection</b>	
<b>Drying</b>	
<b>Maintenance, Inspection, and Testing</b>	
<b>Reassembly Instructions</b>	
<b>Packaging</b>	
<b>Sterilization</b>	
<b>Storage</b>	
<b>Additional Information</b>	

<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

2021-02-24 Ralph J Basile