



Instructions for Use: Tube Brushes

Brand Name of Product	Tube Brushes for Cleaning Lumens
Generic Name of Product	Tube brushes, reamer brushes, trumpet valve brush
Product Code Number(s)	4030, 4031, 52003-35, 4032, 4033, 4034, TR350109, TR350232, TR350233, TR350354, TR350429, TR150483, TR150221, TR360231, TR160617, TR52003-21/S, 10-1660, TR03020, 52003-27, 4035, 4041, 4036, 4037, 4038, 4039, 10-1664, 10-1668, 24-1-035, 24-1-040, 24-1-055, 24-1-045, 24-1-050, 24-1-060, 24-1-007, 24-1010, 24-1-015, 24-1-020, 24-1-025, 24-1-030, RB300105, RB310306, RB310307, 3770, RB300105, RB310306, RB310307, 3770, 86-0340-1206, 86-1234-0006, 86-05160-1212, 86-0004-0009, 86-02121234
Purpose of Product	To assist in cleaning of the channels and lumens of cannulated medical devices in conjunction with a suitable cleaning solution
Range of Applications for Product	Any cannulated medical device for which brushing of internal channels is a recommended step in the cleaning process.
Key specifications of product	<ul style="list-style-type: none"> • Reusable • Nylon bristles • Stainless steel twisted wire • Variety of lengths and diameters for the great variety of surgical instruments

Shipping & Storage

Shipping Conditions & Requirements	
Storage Conditions	
Packaging Conditions	
Shelf Life	

Instructions for Using Product

Description of Use (s)	
Preparation for Use	<ul style="list-style-type: none"> • Cleaning any cannulated medical device such as, a suction tube, requires the use of the proper size cleaning brush in accordance with the medical device manufacturers IFUs. • It is important to match the diameter size of the brush you are using with the channel you are cleaning. • The Healthmark brush-sizing chart or similar type of tool may be used to select the proper diameter brush. • It is also critical to select a brush which is longer than the channel to insure that the entire channel receives cleaning action. • It is also important to be sure the material composition of the brush bristles is suitable for the device to be cleaned. This should be in compliance with the device manufacturer's IFU for the device. • Brushes should be inspected prior to each use to be certain they are not worn, frayed or damaged if discrepancies are noted the brush should be discarded and not used. • Brushes should also be inspected between uses for any residual organic soil that may cross contaminate the next device cleaned. If there is visual soil, the brush should be cleaned in accordance with the method(s) described below.
Diagrams (drawings, pictures):	
Steps for Use of Product	Consult the manufacturer's IFU for the device you are cleaning and follow those instructions closely.
Interpretation of Results	
Contraindications of Test Results	
Documentation	
Special Warnings and Cautions	<ul style="list-style-type: none"> • Tube style brushes are intended for use as cleaning tools only. They are not for use in patient care or aseptic techniques. • Healthmark recommends that brushes are cleaned and disinfected at least daily, preferably between each use in order to limit the chance for cross contamination. See instructions for reprocessing below.
Disposal	Because tube brushes are used to clean patient used medical devices, it is recommended to

	dispose of them in the biohazard container with other contaminated devices.
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Reprocessing Instructions	
Point of use:	
Preparation for decontamination:	<ol style="list-style-type: none"> 1. Rinse gross contaminants from the brush in a deep sink and a spray apparatus, such as a shower gun. 2. Use the facilities cold water supply for this rinsing.
Disassembly Instructions:	
Cleaning – Manual:	<ul style="list-style-type: none"> • Brushes may be cleaned manually utilizing a high alkaline instrument detergent or an 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.). • The IFU for the cleaning agent should be followed closely to insure sufficient exposure time is allowed for the cleaning solution to work. • It is recommended that agitation accompany the cleaning process to improve results.
Cleaning – Automated:	<ul style="list-style-type: none"> • Machine cleaning is recommended in a washer disinfector cleared by the FDA. • Products should be positioned in the washer to allow maximum water penetration and drainage. • No overlapping - partially covered devices will not be washed properly • 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. • Products can be cleaned with alkaline, acidic and neutral detergents. • For final rinse, DI or RO water is recommended. • The standard program to include: <ol style="list-style-type: none"> 1. Pre-wash with cold water (<100°F) rinse for a minimum of 2 minutes. 2. Washing cycle with alkaline or enzymatic detergent at temperature recommended by the detergent manufacturer for 5 minutes. 3. Washing cycle with neutral pH or neutralizing detergent at temperature recommended by the detergent manufacturer for 5 minutes. 4. Rinse cycle for 2 minutes (preferably with DI or RO water). 5. Thermal disinfection of up to 195°F in compliance with the washer manufacturer recommendations for time and temperature. 6. Drying cycle at temperature not to exceed 240°F. 7. Caution when unloading machine as products will be hot. 8. Visual inspection is required to ensure complete removal of soil. 9. If product still shows soil repeat program.
Disinfection:	<ul style="list-style-type: none"> • The thermal disinfection stage of an automated washer is sufficient for disinfection of the cleaning brushes. Minimum temperature should be 180°F and not exceed 200°F. • Brushes may be disinfected with liquid chemical sterilants in accordance with the disinfection manufactures' IFUs. Be sure to check material compatibility information from the disinfectant manufacturer. Should be compatible with nylon and with stainless steel.
Drying:	
Maintenance, inspection, and testing:	<ul style="list-style-type: none"> • Inspect for wear, fraying or damaged bristles or the twisted wire shaft. If observed, the brush should be discarded in compliance with the disposal instructions described above. • Brushes should also be inspected between uses for any residual organic soil that may cross contaminate the next device cleaned. If there is visual soil, the brush should be cleaned in accordance with the method(s) described below.
Reassembly Instructions:	
Packaging:	
Sterilization:	Terminal sterilization of brushes is not normally necessary. However, these brushes are compatible with steam sterilization.
Storage:	
Additional Information:	Follow all manufactures' directions for proper usage and disposal of all cleaning agents and chemical disinfectants agents.

Related Healthmark Products	Brush Cleaning Tools
Other Product Support Documents	Prosys Brochure, Prosys Pricelist
Reference Documents	

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