



Medical Device Cleaning Brushes

Every Brush Selection Matters

At Southmedic, we understand that effective reprocessing starts with the right cleaning tools.

Our medical device cleaning brushes are designed to meet the demanding standards of Sterile Processing and Medical Device Reprocessing Departments—helping technicians clean with confidence, protect equipment, and maintain compliance.

Each brush is engineered to tackle bioburden, extend device longevity, and enhance infection control practices.

- Anti-microbial bristles* resist bacterial growth on brush surfaces and extend the life of the cleaning brush
- Stainless steel twisted wire resists rust and provides reusable, durable performance
- Color-coded for easy identification and reorder
- Designed for optimal cleaning of channels, lumens, and device exteriors



Reduce the proliferation of bacteria, mold, and yeast on the bristle surface by incorporating nylon bristles infused with a preservative agent.

*Bristles contain an agent that inhibits bacterial growth on the surface of the bristle.

Channel Brushes


























For lumened instruments

- Ideal for lumened devices of varying lengths and diameters
- Anti-microbial nylon bristles resist bacterial growth
- Stainless-steel twisted wire shafts resist bending and rust

Channel brushes are typically used for baron and frazier suction tubes, laparoscopic instruments, and instrument ports.



Ordering Information

BEAD COLOR	ORDER #	DIAMETER	LENGTH
No Bead	PK45904	3 French (1.0mm)	10"
	PK45905	5 French (1.6mm)	10"
	PK45906	6 French (2.0mm)	10"
	PK45907	7 French (2.3mm)	10"
	PK45908	8 French (2.6mm)	10"
	PK45909	9 French (3.0mm)	10"
	PK45910	10 French (3.3mm)	10"
	PK45911	11 French (3.6mm)	10"
	PK45912	12 French (4.0mm)	10"
	PK45542	2mm	12"
	PK45543	3mm	12"
	PK45544	4mm	12"
	PK45545	5mm	12"
	PK45546	6mm	12"
	PK45539	5mm	16"
	PK45540	7mm	16"
	PK45541	10mm	16"
No Bead	PK455414	12mm	16"
No Bead	PK45601	1mm	18" ★
	PK45602	2mm	18" ★
	PK45603	3mm	18" ★
	PK45604	4mm	18" ★
	PK45605	5mm	18" ★
	PK45606	6mm	18" ★
No Bead	PK45620	20mm	18" ★
	PK45550	2.5mm	24"
	PK45551	5mm	24"
	PK45552	7mm	24"
	PK45553	10mm	24"

*Bristles contain an agent that inhibits bacterial growth on the surface of the bristle.

★ New

General Instrument Cleaning Brushes

For external surfaces and hinged devices



Nylon Bristle Cleaning Brush

- Rigid, white bristles
- Medical-grade nylon bristles
- Plastic handle, 7" length
- 3 per package

ORDER# **PK45303N**



Nylon Bristle Double-Ended Cleaning Brush

- Rigid, white bristles
- Medical-grade nylon bristle
- Floats in decontamination sink
- Plastic handle, 7" length
- 3 per package

ORDER# **PKM16**



Stainless Steel Bristle Double-Ended Cleaning Brush

- Super-fine stainless-steel bristles
- Plastic handle, 7" length
- Perfect for Orthopedic Instruments
- 3 per package

ORDER# **PKM16SS**



Nylon Bristle Extra-Firm Double-Ended Cleaning Brush

- Extra-firm nylon bristles
- Cut-down, perfect for laparoscopic instruments
- Ergonomically friendly handle for improved grip and control
- Floats in decontamination sink
- Ideal for tougher external cleaning tasks
- 3 per package

ORDER# **PKM16XFIRM**



Stainless Steel Bristle Cleaning Brush

- Super-fine stainless-steel bristles
- Plastic handle, 7" length
- 3 per package

ORDER# **PK45303SS**

Turbo Cleaning Brushes

For hard-to-clean devices

- Extra-rigid, white, medical-grade nylon bristles for maximum cleaning performance and longer brush life
- Anti-microbial nylon resists bacterial growth
- Stainless-steel twisted wire shafts prevent bending and make brushes reusable
- 18" length (5mm, 10mm, and 15mm)



ORDER# **PK45667**



ORDER# **PK45668**



ORDER# **PK45669**

Utility Cleaning Brushes

For trays, sinks, and large surfaces



Large Nylon Cleaning Brush

- Rigid nylon bristles
- Extended 17.5" length
- Durable, ergonomic handle for greater control
- Ideal for large surfaces and heavy-duty scrubbing
- 3 per package

ORDER# **PK456000**



Hand-Held Cleaning Brush

- Rigid short nylon bristles
- Oval ergonomic shape for better grip and pressure control
- Ideal for trays, sinks, and flat surfaces
- 3 per package

ORDER# **PK45306**



Double Sided Cleaning Brush

Dual-sided design: nylon + stainless-steel bristles

- 7.125" length
- Versatile cleaning for both delicate and abrasive surfaces
- 3 per package

ORDER# **PK45304NS**



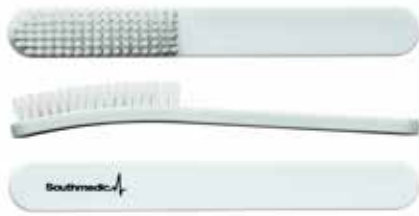
Flat Cleaning Brush

- Extra-rigid nylon bristles
- Compact 8.75" length flat brush profile (75 × 20 × 10mm)
- Durable blue handle for easy identification
- Floats in decontamination sink
- 3 per package

ORDER# **PK459000**

Specialty Instrument Brushes

For box-locks, hinges, valves,
and complex external surfaces



Instrument Box-Lock Brush

Ideal for cleaning box-lock and hinge areas on clamps, forceps, and similar instruments.

- 0.75" wide × 2.75" length brush head
- Wide, comfortable handle
- Anti-microbial* nylon bristles
- Floats in decontamination sink
- 3 per package

ORDER# **PK457000**



Trumpet Valve Brush

A dual-ended brush used for cleaning trumpet valves and similarly narrow or cylindrical components.

- 11.6" length
- Dual-ended design

ORDER# **PK45918**



Large Instrument Brush

A larger brush head designed for cleaning bigger external surfaces on medical instruments and trays.

- 7" length, slip-free handle
- 1.75" wide × 2.5" length brush head
- Anti-microbial* nylon bristles
- Floats in decontamination sink
- 3 per package

ORDER# **PK458000**



Maximize surface coverage with PK45755 featuring flexible tips.

Double-Ended Cleaning Brushes

Provides two brush heads for cleaning different surfaces and openings on medical devices.

- Circular brush end: 1.75" diameter (44mm)
- Straight brush end: 0.3125" diameter (8mm)
- 6.5" length
- Rigid, white, anti-microbial*, medical-grade nylon bristles
- 3 per package

ORDER# **PK45755**

*Bristles contain an agent that inhibits bacterial growth on the surface of the bristle.

Day Starter Brush Kits

Start every day with the right brushes

Created to support standardization and technician confidence, our Day Starter Brush Kits provide a curated selection of channel and external brushes to cover most devices processed in a typical day.

Each kit is pre-assembled with the right assortment of brush sizes and styles.

Why Kits?

Standardize

Every technician starts with the same reliable selection, reducing variation and incorrect brush use.

Simplify

Removes the guesswork from brush selection, supports training, and uses color coding for easy replacement.

Save

No upcharge, less waste, and fewer SKUs—streamlining inventory management.



Ordering Information

The Day Starter Kits are available in five configurations to fit your needs.

KIT	UOM	BRUSH HIGHLIGHTS
PK45DS01	5 brushes/pkg	<ul style="list-style-type: none">• 2 x 16" channel brushes (7mm, 12mm)• 2 x 18" channel brushes (3mm, 5mm)• Extra-firm double-ended toothbrush
PK45DS02	5 brushes/pkg	<ul style="list-style-type: none">• 3 x 18" channel brushes (2mm, 4mm, 6mm)• 2 external extra-firm style brushes
PK45DS03	5 brushes/pkg	<ul style="list-style-type: none">• 3 x 18" channel brushes (2mm, 3mm, 5mm)• Extra-firm double-ended toothbrush• Acetabular Reamer brush
PK45DS04	5 brushes/pkg	<ul style="list-style-type: none">• 3 x 18" channel brushes (2mm, 4mm, 6mm)• 1 x 16" channel brush (12mm)• Extra-firm double-ended toothbrush
PK45DS05	4 brushes/pkg	<ul style="list-style-type: none">• 3 x 18" channel brushes (2mm, 4mm, 6mm)• 1 x 16" channel brush (12mm)• Good for customers wanting a strong selection of channel brushes

Scope Sweeper

Dual-action endoscope cleaning brush with PullThru™ technology

The Scope Sweeper is engineered to simplify and standardize the manual cleaning of flexible endoscope channels. Combining a traditional bristle brush with a PullThru system, it delivers consistent, efficient removal of debris and bioburden.

The device features five elastomer wipers, effectively eliminating up to 96% of all bioburden in one pass.

Key Features:

- Dual-ended design for bristle cleaning and debris extraction
- Reduces risk of cross-contamination with one-way workflow
- Compatible with channels 2.8–4.2mm in diameter
- Designed for faster, safer endoscope reprocessing
- Available as single-scope kits or refill sleeves



ORDER #	DESCRIPTION
HZ2842+1+SPUP+2200/NS	Channel Cleaning Brush SPUP (no Port brush) 2.8–4.2mm
HZ2842+1+SPUP+2200	Channel Cleaning Brush SPUP (with Port brush) 2.8–4.2mm
HZ2842+96+0+2200	Refill pack 4 sleeves of 24
HZ2842+120+0+2200	Refill pack 4 sleeves of 30
HZ2842+120+SB+2200	Scope Sweeper Combo Pack – 4 x 30 HZ2842 + 4 x 30 Port brush in Poly Bag
SMP512+180	Port Brush 180 pack (6 x 30)
SMP512+240	Port Brush 240 pack (6 x 40)
SMP512+600	Port Brush 600 pack (10 x 60)
SMNC+WM	Refill cassette c/w base

Brush Care & Maintenance

Q: Why is it important to care for and maintain your medical instrument cleaning brushes?

A: Cleaning and maintaining your medical brushes is one of the most important steps in removing bioburden. By taking the time to clean your brushes thoroughly, you will extend their life with less replacements.

1

Determine the appropriate brush length and diameter

The right size matters—for both cleaning effectiveness and device protection.

ANSI/AAMI ST79:2017 emphasizes using the correct brush size and type for every lumen:

“Brush the lumen with a brush that is of the correct size (diameter and length) and bristle type and material for the lumen. Brushes should be clean and of the appropriate size and bristle type.”

This establishes the foundation for proper brush selection and ensures compliance, effective cleaning, and protection of instrument integrity.

Determining the Appropriate Brush Length

To ensure complete debris removal, **the bristles must exit the distal tip entirely.**

- Measure the full length of the lumen or channel
- Select a brush long enough that the bristles extend fully out the distal tip
- Full bristle exit = confirmed coverage of the entire channel



Bristles should exit the distal tip entirely.

Determining the Appropriate Brush Diameter

Proper diameter ensures the bristles make sufficient contact without causing damage.

- Select a size that allows bristles to expand gently inside the lumen
- Bristles should make full contact (not too loose, not too tight)
- Use a cleaning brush scale when possible to verify sizing



Too big!

Too small!

Just right!



2

Completely submerge cleaning brush to minimize aerosolization of microorganisms and assist in cleaning

Immersing items ensures that all surfaces come into contact with the cleaning solution. This enhances the effectiveness of the cleaning process by allowing the solution to reach and eliminate microorganisms from every part of the item.

Submerging items minimizes the generation of aerosols, which are tiny airborne particles. This is crucial in preventing the spread of microorganisms that may be present on the surface. Aerosols can carry pathogens and contribute to contamination in the surrounding environment.



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Submersion helps achieve uniform disinfection or sterilization.

It ensures that all areas, including small crevices or hard-to-reach spots, are treated, reducing the risk of leaving behind potentially harmful microorganisms.

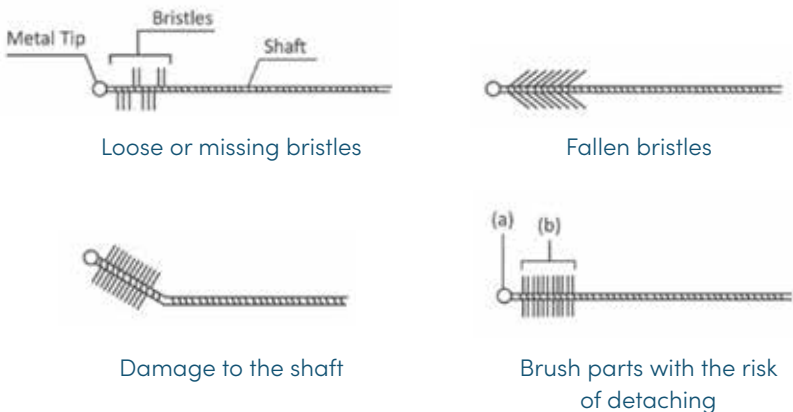
WHEN DECONTAMINATING DEVICES with lumens, personnel should soak and flush the lumen according to the manufacturer's written instructions for use...brush the lumen with a brush that is the correct size (diameter and length) and bristle type and material for the lumen, then rinse it.

ANSI/AAMI ST79: 2017 SECTION 7.6.2

3

Inspect brushes for damage after each use and discard if necessary

Medical instrument cleaning brushes are used to maintain the cleanliness of medical instruments and devices. Inspecting them for damage helps prevent the risk of cross-contamination by ensuring that the brushes are free from any potential sources of infection.



Damaged brushes can potentially harm delicate medical instruments. Regular inspection and prompt disposal of damaged brushes help protect the longevity and functionality of expensive medical equipment, avoiding the need for premature replacements.

4

Reusable brushes will be mechanically cleaned by ultrasonic and/or mechanical washers including a disinfection cycle each day

To maintain your cleaning brushes in good conditions, it is essential to clean them regularly and properly. One way that you can do this is to add a **Southmedic's EcoZyme cleaning detergent** (see pg. 15 for further details). This will help to loosen the bioburden.



BRUSHES USED FOR DECONTAMINATION need to be cleaned themselves and disinfected or sterilized. Brushes that show wear will not clean thoroughly.

ANSI/AAMI ST79: 2017 SECTION 7.6.2

5

Brushes shall be dry and stored in a clean location between uses

Keeping medical instrument cleaning brushes dry between uses helps prevent the growth of microorganisms. Moisture can create an environment conducive to bacterial or fungal growth, which poses a risk of cross-contamination when the brushes are reused.



i

Damp conditions can lead to unpleasant odors and mold formation on brushes. Properly drying and storing brushes in a clean location help prevent these issues, ensuring a more pleasant and hygienic working environment.

BRUSHES SHOULD BE CHECKED for visible soil and damage following each use and should be frequently cleaned and disinfected. Brushes should be stored clean and dry.

ANSI/AAMI ST79: 2017 SECTION 7.6.2

The Facts about Southmedic's Stainless Steel Instrument Cleaning Brushes

It has been reported for years that the use of stainless steel cleaning brushes will damage an instrument's surface or passivation layer. To dispel this myth, we hired an independent testing lab to test instruments before and after brushing with a Southmedic stainless steel, bristled instrument cleaning brush (Order # PK45303SS).

The test employed before and after photos, taken with an electron microscope at 200x magnification. In addition, we examined the metallurgical properties of the stainless steel before and after brushing.

During the test, the instrument's surface was brushed 60 times. As you can see from the photos below, the stainless steel bristles did no harm to the instrument's surface, proving that using Southmedic's stainless steel-bristled cleaning brushes **will not harm** your stainless steel surgical instruments.

For complete details or a copy of the test, please contact a Southmedic Customer Service Representative at 705-720-1902 or 1-800-463-7146.

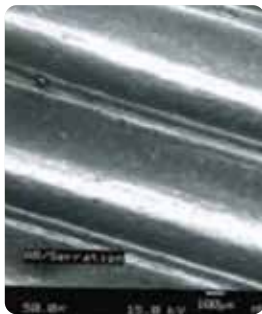
Laboratory Test Results

Analysis conducted 2003

Laboratory: Analytical Services, Inc.

Method: Scanning Electron Microscope
Energy Dispersive Spectroscopy

Before Brushing

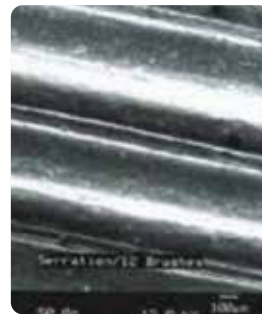


Hemostat Close-Up



Scissors Close-Up

After Brushing



Hemostat Close-Up



Scissors Close-Up

Notice: Insulated, coated, plated, or chrome instruments will be damaged using a stainless steel-bristled brush

Inspect daily.
Decontaminate daily.

ANSI/AAMI ST79: 2017 SECTION 7.6.2

REMEMBER:

Brushes only assist in the cleaning process.
Brushes should only be used in decontamination.

Looking for a **safe**
and **effective detergent**
to clean your brushes?



EcoZyme Ultra

A safe, effective multi-enzymatic
detergent for cleaning your brushes

EcoZyme Ultra uses a non-toxic, biodegradable formula that removes soils efficiently while protecting the bristles, shafts, and longevity of your cleaning brushes.

Why use EcoZyme Ultra for brush cleaning?

- **Safe for brushes** — won't damage nylon bristles or stainless-steel
- **No harsh chemicals** — free from isopropanol, VOCs, dyes, and perfumes
- **Fast-acting** — loosens soils quickly to support effective manual cleaning
- **Residue-free** — rinses clean without leaving build-up on bristles
- **Brush-friendly formulation** — helps maintain bristle integrity over repeated use

Better cleaning starts with better brush care

EcoZyme Ultra helps keep your brushes clean, protected, and ready for the next case—supporting safer, more consistent reprocessing.

A safer choice for staff and equipment!

Learn more about EcoZyme Ultra →



To learn more, visit southmedic.com or contact
your local sales representative.



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