

# 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

**i**

**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.

# 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 x 20 x 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 x 2.75" length brush head
- Wide, comfortable handle
- Anti-microbial\* nylon bristles
- Floats in decontamination sink
- 3 per package

ORDER# **PK457000**



## 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 x 2.5" length brush head
- Anti-microbial\* nylon bristles
- Floats in decontamination sink
- 3 per package

ORDER# **PK458000**



## 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**



## 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.

# Instrument Cleaning Flat Brushes

For hospital use in the pre-clean and preparation of instruments

- Long ergonomic handle permits ease-of-use
- Extra long length of brush head (60 [±5] mm in Single-Use and 75 [±5] mm in Reusable)
- Transparent brush fibers allow for quick verification of its cleanliness
- The plastic handle will not release any toxic components
- Available in 6 models (4 reusable/autoclavable and 2 single-use)

## Flexible Brush



This brush is designed for large instruments that require a more gentle cleaning application such as optics, plastics, or hard-to-reach spots.

ORDER# 50-40919



ORDER# 50-40922



## Extra Flexible Brush



The very long, flexible bristles eliminate any stress during sanitation, and makes this the ideal brush for fragile instruments as well as both pliable and rigid endoscopes. The length of the bristles assist in cleaning areas that would otherwise be difficult to reach, such as the accessory channel or tip deflection of pliable endoscopes

ORDER# 50-40920



## Rigid Brush



The rigidity of this brush, along with the length of the bristles and handle, improves and simplifies instrument cleaning.

ORDER# 50-40918



## Product Selection

ITEM #	BRUSH TYPE	DESCRIPTION	COLOR	BRUSH LENGTH	BRUSH SIZE	PACKAGING
50-40917	Extra Rigid	Reusable Autoclavable Flat Brush	Blue	220 mm	75 mm x 20 mm x 10 mm	Bag of 3
50-40917	Rigid	Reusable Autoclavable Flat Brush	Green	220 mm	75 mm x 20 mm x 15 mm	Bag of 3
50-40917	Flexible	Reusable Autoclavable Flat Brush	Yellow	220 mm	75 mm x 20 mm x 15 mm	Bag of 3
50-40917	Extra Flexible	Reusable Autoclavable Flat Brush	Red	220 mm	75 mm x 20 mm x 25 mm	Bag of 3
50-40917	Rigid	Single-Use Flat Brush	Light Blue	220 mm	75 mm x 20 mm x 15 mm	Bag of 20
50-40917	Flexible	Single-Use Flat Brush	Orange	220 mm	75 mm x 20 mm x 15 mm	Bag of 20

## 16" / 406 MM NYLON TWISTED WIRE BRUSHES

ITEM #	BRUSH LENGTH	BRUSH (Ø)	PACKAGING
23-16197	2.5" / 63.5 mm	0.197" / 5 mm	Bag of 3
23-16236	2.5" / 63.5 mm	0.236" / 6 mm	Bag of 3
23-16276	3" / 76 mm	0.276" / 7 mm	Bag of 3
23-16394	3" / 76 mm	0.394" / 10 mm	Bag of 3
23-16472	3" / 76 mm	0.472" / 12 mm	Bag of 3
23-16591	3" / 76 mm	0.591" / 15 mm	Bag of 3
23-16787	3" / 76 mm	0.787" / 20 mm	Bag of 3

## 18" / 457 MM NYLON TWISTED WIRE BRUSHES

ITEM #	BRUSH LENGTH	BRUSH (Ø)	PACKAGING
19-18010	0.47" / 12 mm	0.039" / 1 mm	Bag of 3
19-18015	0.5" / 12 mm	0.06" / 1.6 mm	Bag of 3

## 24" / 610 MM NYLON TWISTED WIRE BRUSHES

ITEM #	BRUSH LENGTH	BRUSH (Ø)	PACKAGING
24-24098	2.5" / 63.5 mm	0.098" / 2.5 mm	Bag of 3
24-24197	2.5" / 63.5 mm	0.197" / 5 mm	Bag of 3
24-24276	3" / 76 mm	0.276" / 7 mm	Bag of 3
24-24394	3" / 76 mm	0.394" / 10 mm	Bag of 3
24-24472	3" / 76 mm	0.472" / 12 mm	Bag of 3

## BRONCHO BRUSHES

ITEM #	DESCRIPTION	BRUSH LENGTH	BRUSH (Ø)
26-06175	Small	6" / 152 mm	1.75" / 44.5 mm
26-08325	Large	8" / 203 mm	3.25" / 82.6 mm

## TRACHEOSTOMY BRUSHES

ITEM #	DESCRIPTION	TOTAL LENGTH	BRUSH LENGTH	BRUSH (Ø)	PACKAGING
25-37550	Small 000-5.1 7/8"	4" / 93 mm	1.88" / 48 mm	0.5" / 12.7 mm	Bag of 3
25-08500	Large 6-12.3 3/4"	8" / 203 mm	3.75" / 95 mm	0.5" / 12.7 mm	Bag of 3

TRACHEOSTOMY BRUSH



BRONCHO BRUSH



## Autoclave Cleaning Brushes

- Telescopic aluminum handle goes from 24" to 48" long
- White, medical-grade nylon bristle cleaning brush head, 5.5" by 10" width with round corner bristles
- Hand brush, 3.5" width, 8" length with white medical-grade nylon bristles

ORDER# **50-CLAVEREG**



Telescoping Handle (Sold Individually)	ORDER# <b>50-EXTPOLE</b>
Brush Head (Sold Individually)	ORDER# <b>50-55800</b>
Hand Brush (Sold Individually)	ORDER# <b>50-35900</b>



## Autoclave Cleaning Brushes

- Specially designed Autoclave Gloves offer superior protection when handling hot instrument trays and containers
- The gloves with gauntlet-style cuffs provide up-to-the-elbow protection
- Made of soft terry-cloth cotton, the gloves absorb moisture and provide long-lasting comfort for frequent wear
- Completely reusable and can be laundered
- One size fits all, packaged in pairs

ORDER# **BR19586**

For a **FULL LIST** of our cleaning brush offering,  
please contact your sales representative  
or call us at **1-800-463-7146**

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

# 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

# Premium Endoscope Channel Cleaning Brushes

The Assurance of 5 Cleaning Actions

Scientifically proven improvement over existing brush technology

**PULL THRU**<sup>TM</sup>  
**FEEL THE CLEAN**  
Your Brush of Choice for Channels



*"They clean what others leave behind"*

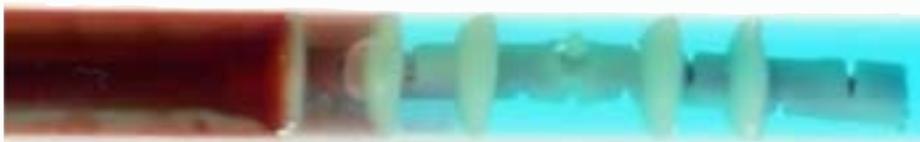
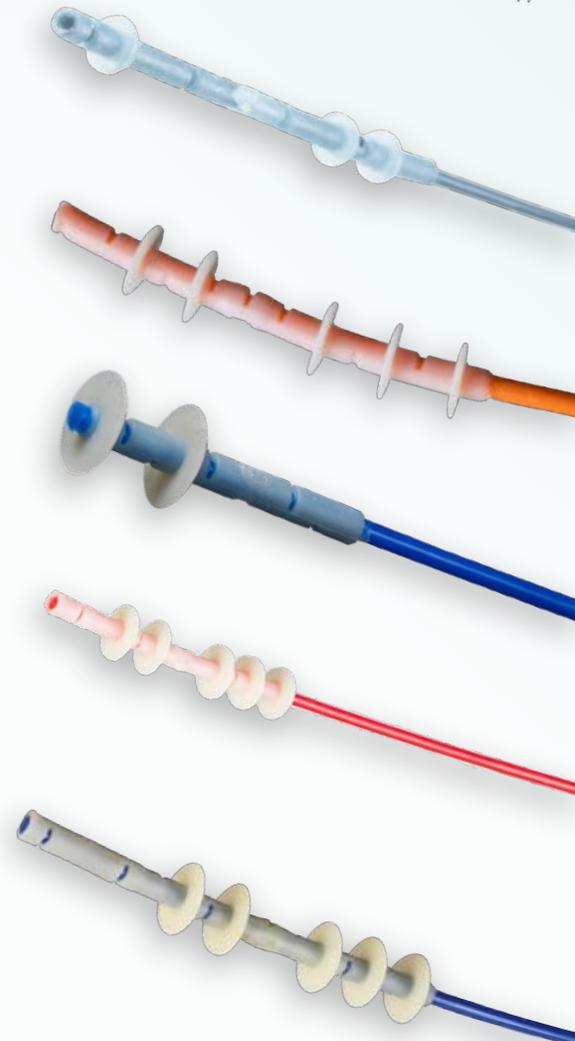
The PULL THRU<sup>TM</sup> range of patented endoscope channel cleaning brushes can be effectively used to clean endo-scope channels from 1.0 to 8.0mm with a single pass.

These cleaning brushes are designed to significantly reduce the time required to manually clean endoscope channels and to improve the overall efficacy of the cleaning process.

The PULL THRU<sup>TM</sup> range is disposable/single use which removes the need for the complicated, expensive cleaning and sterilization procedures used for traditional brushes.

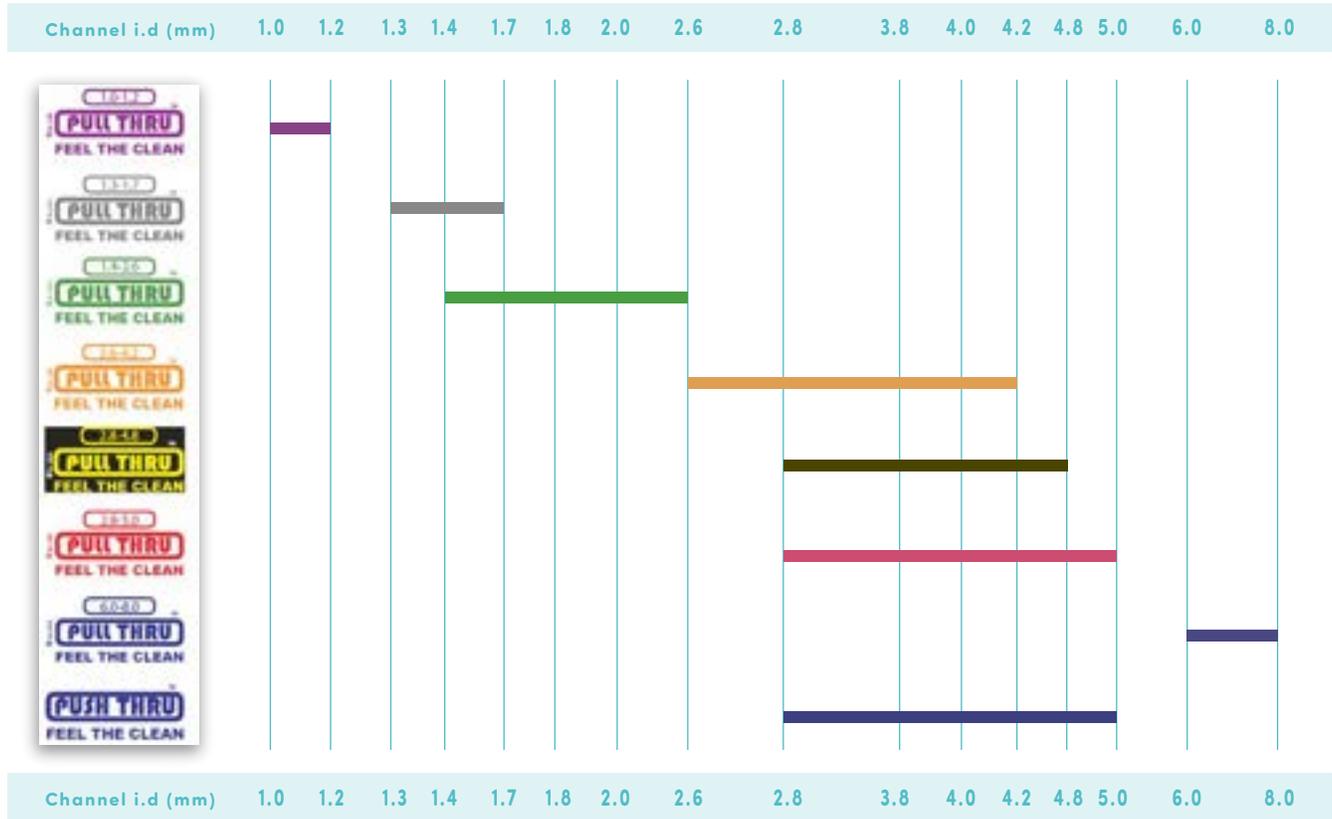
The unique patented wiper element design provides a complete circumferential seal in the endoscope channel with a piston like action thereby removing almost all residue in a single pass.

Because the wipers are made out of a soft plastic, non abrasive material, they will not harm the endoscope channel walls.



## Product Channel Size Compatibility

Not to scale



### Accessories

Accessories	Channel ID Length	Product Code		UOM	Description
	2.8-5.0 mm	ZZSB512+180		Plastic Box of 30 Box of 6 x 30	To brush and clean external surfaces of the endoscope
	2.8-5.0 mm 200 mm	ZZPT2850+60+0+200		Plastic Bag of 60	To brush the channel between handle and instrument port as required
		Sticker 0112 PULL THRU™/xxxx Sticker 1426 PULL THRU™/xxxx Sticker 2848 PULL THRU™/xxxx Sticker 2850 PULL THRU™/xxxx Sticker PUSH THRU™/xxxx		100 1000	Self adhesive labels to identify PULL THRU Cleaning Brush selection on Endoscopes with multiple channels if required  Suitable to use with Automatic Endoscope Resprocessors AERs



Standard Product Packs  
MOQ = Shipper

Channel ID  
Length

Single Patient Use Pack  
Sealed Plastics Bag 1  
PULL THRU™ Cleaning Brush  
1 x STUBBY BRUSH  
/NS\* (no STUBBY)

Shipper of 8 x 60

PULL THRU™ Cleaning Brush  
c/w Cassette and Wall Mount  
Box of 60 x  
PULL THRU™ Cleaning Brush  
1 x Cassette with Wall Mount

Shipper 10 x60

PULL THRU™ Cleaning Brush  
Refill Pack for Cassette  
Box of 3 x 60  
PULL THRU™ Cleaning Brush

Shipper of 8 x 180

PULL THRU™  
Tender Refill Pack  
Box of 180  
PULL THRU™ Cleaning Brush &  
180 STUBBY BRUSH  
Box of 60  
PULL THRU™ Cleaning Brush  
& 60 STUBBY BRUSH



1.0-1.2 mm  
2200 mm

0112+1+SPUP+2200  
0112+1+SPUP+2200/NS\*

0112+60+0+2200

0112+180+0+2200

0112+180+SB+2200  
0112+60+SBNC+2200



1.3-1.7 mm  
2200 mm

1317+1+SPUP+2200  
1317+1+SPUP+2200/NS\*

1317+60+0+2200

1317+180+0+2200

1317+180+SB+2200  
1317+60+SBNC+2200



1.4-2.6 mm  
2200 mm

1426+1+SPUP+2200  
1426+1+SPUP+2200/NS\*

1426+60+0+2200

1426+180+0+2200

1426+180+SB+2200  
1426+60+SBNC+2200



Standard Product Packs  
MOQ = Shipper

Channel ID  
Length

Single Patient Use Pack  
Sealed Plastics Bag 1  
PULL THRU™ Cleaning Brush  
1 x STUBBY BRUSH  
/NS\* (no STUBBY)  
Box of 60

Shipper of 8 x 60

PULL THRU™ Cleaning Brush  
c/w Cassette and Wall Mount  
Box of 60 x  
PULL THRU™ Cleaning Brush  
1 x Cassette with Wall Mount

Shipper 10 x60

PULL THRU™ Cleaning Brush  
Refill Pack for Cassette  
Box of 3 x 60  
PULL THRU™ Cleaning Brush

Shipper of 8 x 180

PULL THRU™  
Tender Refill Pack  
Box of 180  
PULL THRU™ Cleaning Brush &  
180 STUBBY BRUSH  
Box of 60  
PULL THRU™ Cleaning Brush  
& 60 STUBBY BRUSH



2.6-4.2 mm  
2200 mm

ZZ2642+1+SPUP+2200  
ZZ2642+1+SPUP+2200/NS\*

ZZ2848+60+NC+2200

ZZ2848+180+0+2200

ZZ2642+180+SB+2200  
ZZ2642+60+SBNC+2200



2.8-4.8 mm  
2200 mm

ZZ2848+1+SPUP+2200  
ZZ2848+1+SPUP+2200/NS\*

ZZ2848+60+NC+2200

ZZ2848+180+0+2200

ZZ2848+180+SB+2200  
ZZ2848+60+SBNC+2200



2.8-5.0 mm  
2200 mm

ZZ2850+1+SPUP+2200  
ZZ2850+1+SPUP+2200/NS\*

ZZ2850+60+NC+2200

ZZ2850+180+0+2200

ZZ2850+180+SB+2200  
ZZ2850+60+SBNC+2200



2.8-5.0 mm  
2500 mm

ZZ2850+1+SPUP+2500  
ZZ2850+1+SPUP+2500/NS\*

ZZ2850+60+NC+2500

ZZ2850+180+0+2500



6.0-8.0 mm  
1290 mm

ZZ0608+1+SPUP+2200  
ZZ0608+1+SPUP+2200/NS\*

ZZ0608+60+NC+2500

ZZ0608+180+0+2500



# 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.**

CSA Z314-23 ANSI/AAMI ST79:2017 emphasizes using the correct brush size and type for every lumen:

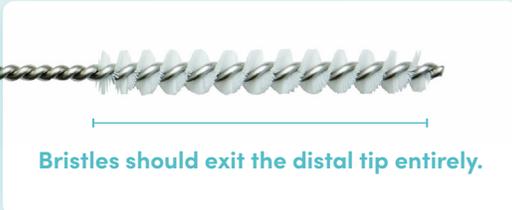
“Brush the lumen with a brush that is of the correct size (diameter and length) and bristle type and material for the lumen. Brushes should be clean and of the appropriate size and bristle type.”

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!

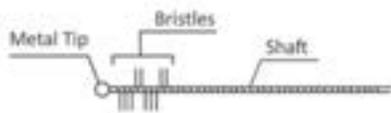
Too small!

Just right!

# 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.



Loose or missing bristles



Fallen bristles



Damage to the shaft



Brush parts with the risk of detaching



**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.

**CSA Z314-23 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.

CSA Z314-23 ANSI/AAMI ST79: 2017 SECTION 7.6.2

### REMEMBER:

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

# 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.

CSA Z314-23 ANSI/AAMI ST79: 2017 SECTION 7.6.2



## 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.



i

#### 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.

CSA Z314-23 ANSI/AAMI ST99: 2017 SECTION 7.6.2

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](https://southmedic.com) or contact your local sales representative.



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