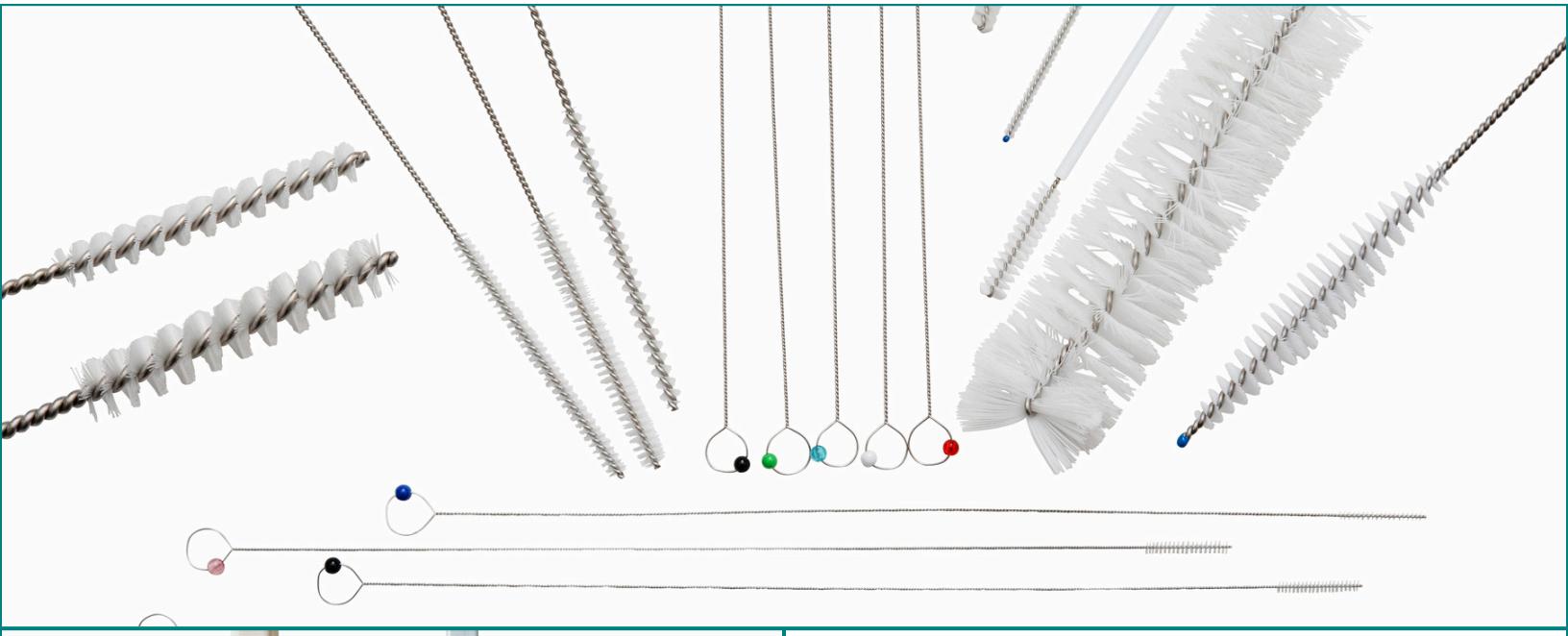
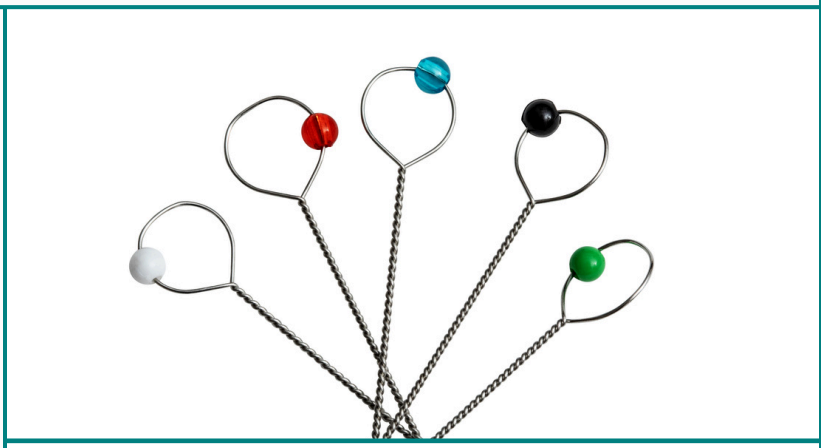
Southmedic 1983

Medical Instrument Cleaning Brushes



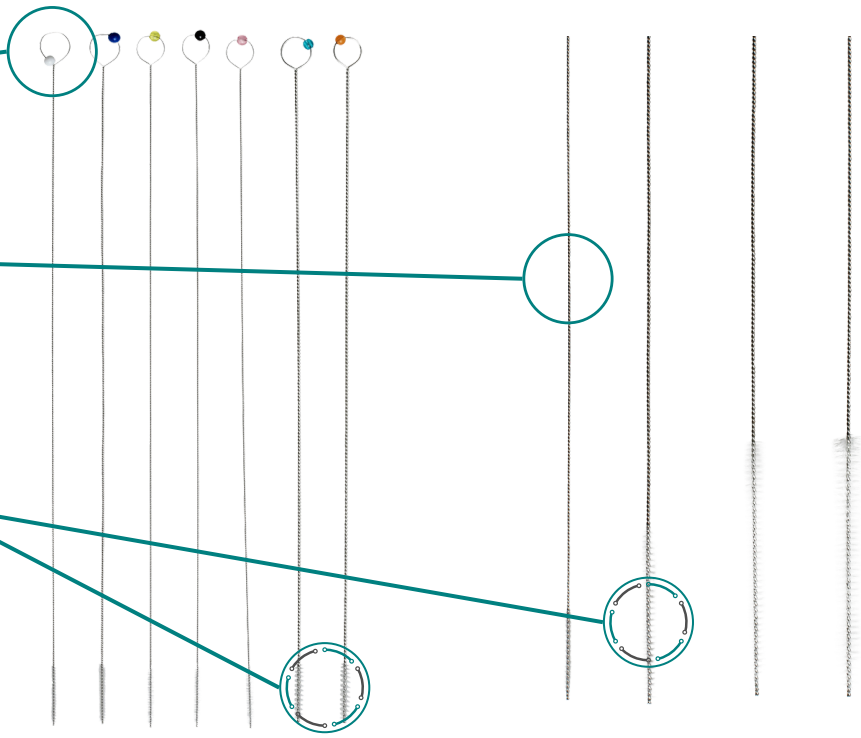


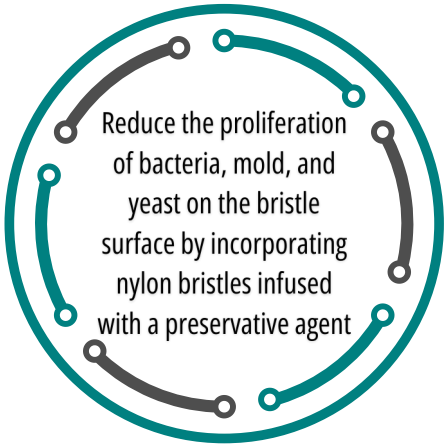
The Anatomy of Southmedic Instrument Cleaning Brushes

Color Coded Beads
- Easy identification
- Makes reordering easy

Stainless Steel Twisted Wire
- Resists rust
- Reusable
- Durable

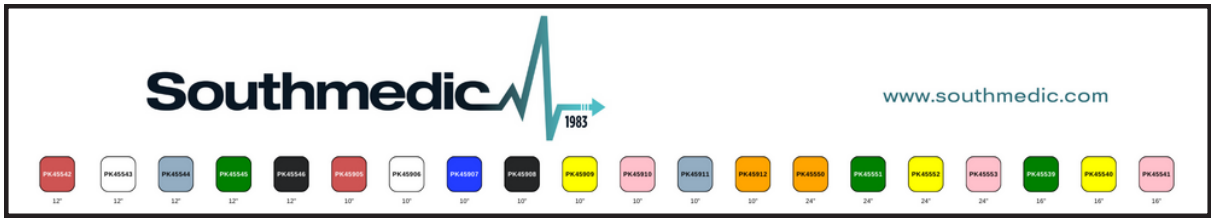
Anti-Microbial Bristles
- Resists bacterial growth
- Extends the life of the cleaning brush





Brush Rack
- Brush rack keeps brushes organized
- Brushes are color-coded for easy identification and reordering
- Rack allows brushes to dry while hanging

Order# BRACKET



Anti-Microbial*, Nylon-Bristled, Twisted Wire Cleaning Brushes

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

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

★ = New

- Perfect for cannulated or lumened instruments of various lengths and diameters.
- Made with anti-microbial* nylon bristles and stainless-steel twisted wire shafts.
- Colour-coded beads for easy identification
- 3 per package

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

General Instrument Cleaning Brushes

Nylon Bristle Cleaning Brush

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

Order# PK45303N

Stainless Steel Bristle Cleaning Brush

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

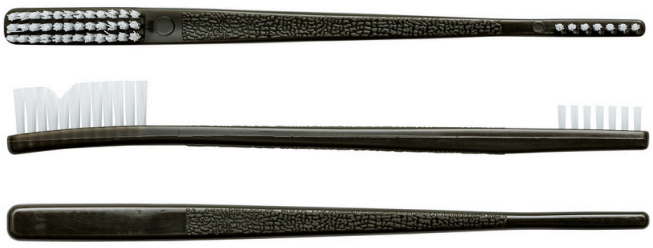
Order# PK45303SS

To quickly eliminate external debris, the toothbrush cleaning brush, offered in both single and double-ended choices, proves to be a versatile tool for handling device exteriors.

Nylon Bristle Double-Ended Cleaning Brush

- Rigid, white bristles
- Medical-grade nylon bristle
- Plastic handle, 7" length
- Perfect for Laparoscopic Instruments
- 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

Turbo Cleaning Brushes for Hard-to-Clean Instruments

If the device is complex, be prepared to use more than one type of brush for comprehensive cleaning.

Turbo Cleaning Brush

Southmedic's Turbo Brushes have been designed with extra-stiff medical-grade nylon bristles that allow for aggressive cleaning. Also incorporated into the design are thicker, more rigid shafts to prevent bending. The twisted wire shafts are made from stainless steel, making the brushes re-usable. Southmedic's Turbo brushes are produced with anti-microbial nylon bristles.

- Extra-rigid, white, medical-grade nylon bristles provide more cleaning power and longer brush life
- Stainless-steel, twisted wire shafts
- 18" length
- 3 per package

Order #	Description
PK45667	5 mm
PK45668	10 mm
PK45669	15 mm

Jar Brush

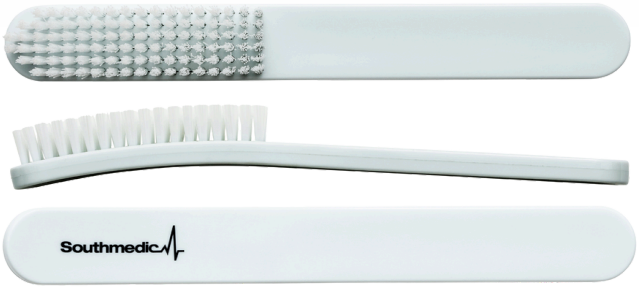
- All-purpose jar cleaning brush
- 35mm dia. x 13" Length
- 3 brushes per package

Order# PK1820

Instrument Box-Lock Brush

- Perfect for box-lock/hinge areas
- 3/4" wide x 2-3/4" length brush head
- Wide comfortable handle
- Anti-microbial nylon bristles
- Floats in decontamination sink
- 3 per package

Order# PK457000



Large Instrument Brush

- 7" length, slip-free handle
- 1-3/4" wide x 2-1/2" length brush head
- Anti-microbial nylon bristles
- 3 per package

Order# PK458000

Trumpet Valve Brush

- 11.6" length
- Dual-ended

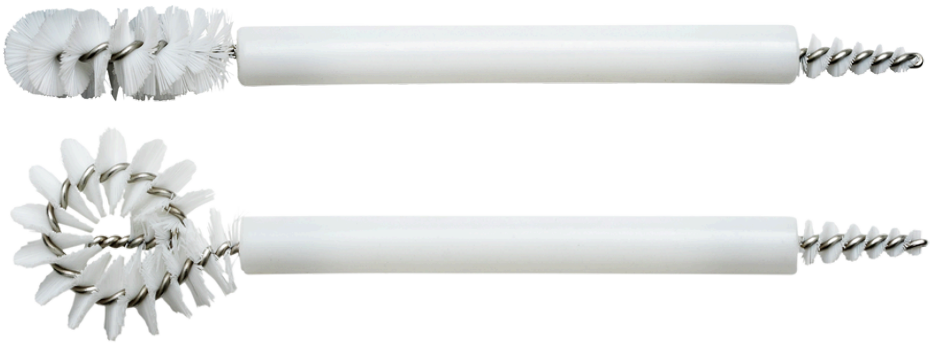
Order# PK45918

Double Ended Cleaning Brushes

- Double-ended
- Circular brush end is 1 3/4" diameter (44 mm)
- Straight brush end is 5/16" (8 mm) diameter
- 6.5" length
- Rigid, white, anti-microbial*, medical-grade,nylon bristles
- 3 per package

Order# PK45755

Maximize surface coverage with PK45755 featuring flexible tips.



Care and Maintenance of Cleaning Brushes

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

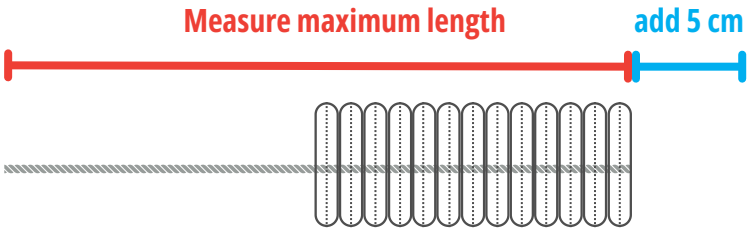
A **Cleaning and maintaining your medical brushes is one of the most important steps in removing bioburden. By taking the time to clean your brushes thoroughly, you will extend their life with less replacements.**

1 Select appropriate sized brush for instrument being manually cleaned

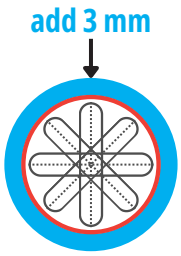
The right-sized brush ensures thorough cleaning of instrument surfaces, reaching into crevices and hard-to-reach areas. This helps remove debris, contaminants, and bio-burden effectively.

i Using a brush that fits the instrument's dimensions helps in avoiding damage during the cleaning process. A brush that is too small may not clean adequately, while one that is too large might cause damage.

Determining the appropriate brush length and diameter



Measure the maximum length, then **add 5 cm**



Measure the interior diameter, then **add 3mm**

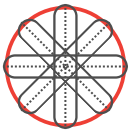
Selecting the right fit

Too Small

Bristles will not make sufficient contact and surfaces may go untouched

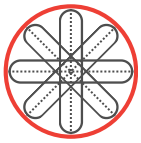
Too Large

Applies unnecessary pressure on bristles and may cause brush to get stuck in device



Just Right

Bristles make sufficient contact with the instrument

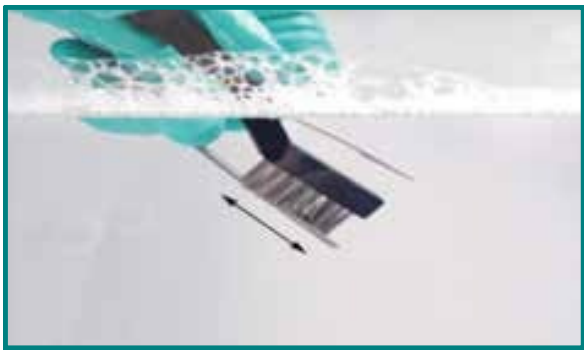


2 Completely submerse cleaning brush to minimize aerosolization of microorganisms and assist in cleaning

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.

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

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.

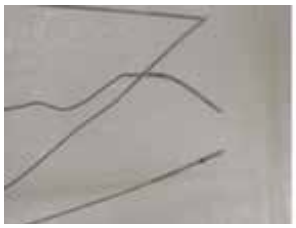


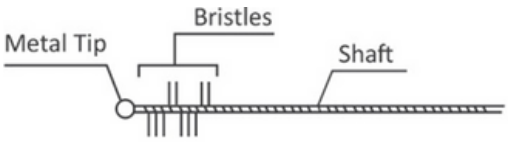
i Submersion helps achieve uniform disinfection or sterilization. It ensures that all areas, including small crevices or hard-to-reach spots, are treated, reducing the risk of leaving behind potentially harmful microorganisms.

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.

i 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.





Loose or missing bristles

Fallen bristles

Damage to the shaft

Brush parts with the risk of detaching

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. 11 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.

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.

Test: Metallurgical Laboratory Study Date: Analysis conducted 2003

Laboratory: Analytical Services, Inc.
Method: Scanning Electron Microscope Energy Dispersive Spectroscopy

Laboratory Test Results

Hemostat Close-Up

Scissors Close-Up

Before Brushing

Hemostat Close-Up

Scissors Close-Up

After Brushing

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

ANSI/AAMI ST79: 2017 SECTION 7.6.2

1) Inspect daily
2) Decontaminate daily

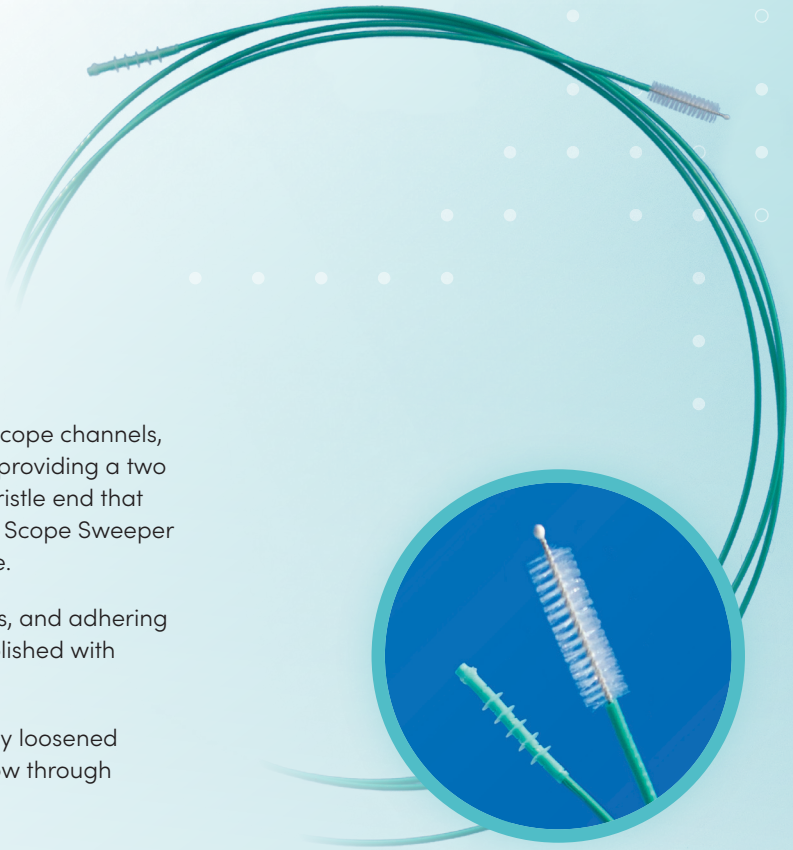
Remember:

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

Southmedic

Scope *Sweeper*

Dual Action Endoscope Cleaning Brush with PullThru™ Technology



Designed to meet the cleaning needs of complex endoscope channels, Scope Sweeper streamlines reprocessing workflows by providing a two in one cleaning device: Loosening bioburden with the bristle end that is then eliminated by the 5 silicone discs. One pull of the Scope Sweeper will eliminate 96% of all bioburden[1], each and every time.

Meeting the challenges today with complex endoscopes, and adhering to the scope manufacturers IFU's, can easily be accomplished with the Scope Sweeper.

The Scope Sweeper reduces the risk of reintroducing any loosened debris into the channel[2] by following a one-way workflow through the lumens of the endoscope.

A Cleaner, Safer, Smarter Way to Reprocess Endoscopes

Dual-Action Cleaning

The bristle brush ensures thorough cleaning of endoscope channels[2], while PullThru technology helps remove debris more effectively by pulling it through the channel, reducing the need for multiple passes.[2]

Single-Use Design

Reduces the risk of cross-contamination, ensuring each cleaning process is hygienic and safe.

Faster Reprocessing

More efficient cleaning reduces reprocessing time, improving overall workflow in central sterile processing departments.

Compatibility

Any endoscope with a lumen size between 2.8-4.2 mm are compatible with the Scope Sweeper.[1]

Cost-Effective and Eco-Conscious

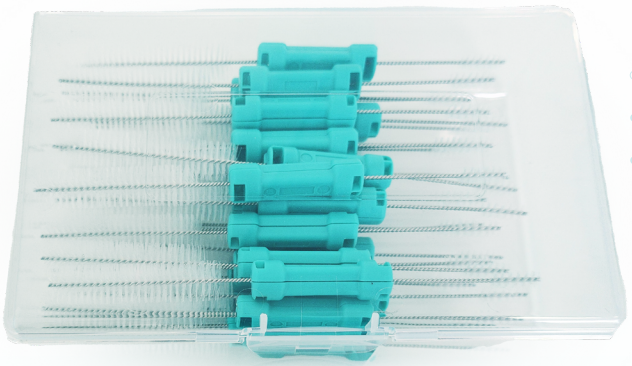
Southmedic offers flexible packaging solutions designed to minimize environmental impact. Options include single-scope kits for streamlined reprocessing and reusable cassettes paired with Scope Sweeper sleeves to reduce landfill waste.

Engineered for Precision

Scope Sweeper features a dual-ended design, combining a bristle brush and PullThru technology to provide a thorough cleaning and effective debris removal from flexible endoscope channels.

This design ensures that all areas of the channel are properly cleaned, making it an ideal solution for comprehensive endoscope reprocessing. The brush is designed to fit endoscope channels ranging from 2.8mm to 4.2mm, providing compatibility with a wide variety of commonly used endoscopes in medical settings.

Made from high-quality silicone discs and bristles[3], Scope Sweeper is carefully engineered to safely clean delicate endoscope channels without causing damage. The materials used are both durable and gentle, ensuring optimal performance while maintaining the integrity of sensitive endoscope surfaces.



OUR MISSION

"Finding a Better Way"

At **Southmedic**, we are committed to finding better, smarter, and more effective ways to develop, manufacture, and distribute medical devices that enhance healthcare. Our mission drives us to create products that improve safety, efficiency, and care for both patients and healthcare professionals.

Ordering Information

Scope Sweeper enables quicker turnaround times, allowing your healthcare facilities to process more scopes in less time and provide patients with the highest standard of care.

PART NUMBER	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
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

To learn more visit southmedic.com or contact our sales team at 1-800-463-7146 to place an order.

[1] Charlton, T. S. (2007). A comparison of two devices for the manual cleaning of flexible gastrointestinal endoscopes in a clinical setting. *Australian Infection Control*, 12(4), 131-138.

[2] The Birmingham study. University Hospitals Birmingham, NHS Foundation Trust 2012 03.

[3] Charlton, T. S. (2007). A comparison of the efficacy of lumen-cleaning devices for flexible gastrointestinal endoscopes. *Healthcare Infection*, 12(3), 81-90.

Southmedic 1983

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1-705-720-1902
1-705-728-9537 *Fax*

LOOKING FOR A SAFE AND EFFECTIVE DETERGENT TO CLEAN YOUR BRUSHES?

EcoZyme ULTRA

Scan Here

For additional information, contact your local Sales Representative or use the QR Code!

Why is EcoZyme Ultra so effective to clean your brushes?

- ***Does not contain isopropanol or contributing VOCs, ensuring the longevity and safety of your instruments and equipment.***
- ***Will not break down and harm the bristles of your brushes or compromise the stainless steel.***

Choose Southmedic Detergents for safeguarding your equipment and instruments. Shield against harmful ingredients with our specialized cleaning solutions!

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