

Endoscopy Care Products

ScopeValet™ PULL THRU MINI™

For endoscope channels from 1.4 to 2.6mm

*A Revolutionary Single Use Endoscope Lumen Cleaning Device
Unique Three Wiper Design removes residue in a SINGLE PASS
Scientifically proven advancement over existing brush technology**

Item # MPT60C Pull Thru™ Mini 60 Pack with Cassette Wall Mount

Item # MPT60R Pull Thru™ Mini 60 Pack**

Item # MPT180R Pull Thru™ Mini 180 Pack**

Item # MPTSUP Pull Thru™ Mini and Stubby Brush™ Single Pack

**Product can be used to refill a cassette

The ScopeValet™ PULL THRU™ MINI is an endoscope channel cleaning device used during manual cleaning, which is designed to effectively clean bronchoscopes and small channel GI Endoscopes with lumen channel sizes 1.4mm - 2.6mm with a single pass. The PULL THRU™ MINI is designed to significantly reduce the time required to manually clean endoscope channels and to improve the overall efficacy of the cleaning process when compared to traditional bristle brushes.*

The unique three wiper design of the ScopeValet™ PULL THRU™ MINI provides a complete circumferential seal in the endoscope channel, thereby removing almost all residue in a single pass. The 360° seal creates a vacuum which draws detergent through the channel removing residue from crevices or other areas of minor damage in the channel. The vacuum also ensures the channel is completely filled with detergent to attack and remove bioburden.

Features

- Effectively cleans endoscope channels from 1.4 to 2.6mm with a single pass.
- Unique wiper element design provides a complete circumferential seal in the endoscope channel with a piston-like action thereby removing almost all residue.
- Reduces the time required to manually clean endoscope channels.
- Removes the residue bristle brushes leave behind, enabling detergents to attack and remove bioburden more effectively.
- PULL THRU™ MINI action is consistent every time, which reduces any variation in cleaning method between users.
- Disposable/single use device, which removes the need for the complicated and expensive cleaning of traditional brushes.
- Scientifically proven to significantly enhance the efficiency of the cleaning process when compared to traditional bristle brushes.
- Wipers are constructed of soft plastic, non-abrasive material and will not harm the endoscope channel walls.

*Summary of Scientific Papers

- **Birmingham Study:** assessed the performance of a PULL THRU™ after one (1) pass through a pre-contaminated channel against a bristle brush after five (5) passes through the channel. A Ninhydrin test was used to measure detectable protein and a visual inspection was made to detect soil. The results indicate that a single pass of the PULL THRU™ is as effective as 5 passes of the bristle brush tested against.

Conclusion: A single pass of the PULL THRU™ is as effective as 5 passes of the bristle brush tested against.

- **Deventer Study:** compares the amount of protein removal in the channel of a range of colonoscopes after brushing with reusable bristle brush, a single use bristle brush, and a PULL THRU™. The device was passed down the channel of the colonoscope once when the scope was manually cleaned. The protein loading in the channels was measured prior and subsequent to cleaning.

Conclusion: The PULL THRU™ removes 18% more atp (organic material) than brushing with a single use brush. The PULL THRU™ removes 30% more material than reusable brushes.



The unique three wiper design of the PULL THRU™ MINI a complete circumferential seal in the endoscope channel, thereby removing almost all residue in a single pass.



The PULL THRU™ MINI is conveniently packaged in a cassette with adhesive tape for mounting and flip-up cover to protect wiper from contamination.

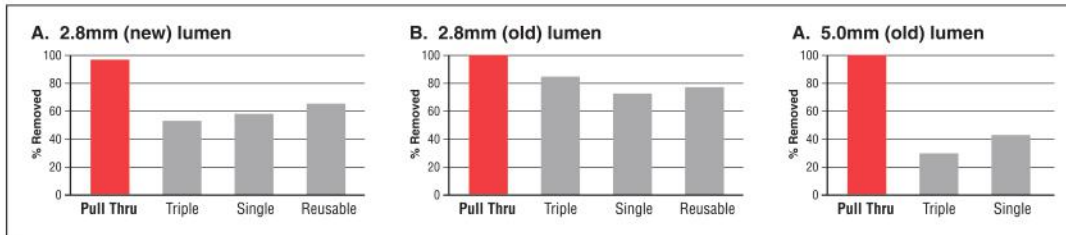
continued

ScopeValet™ PULL THRU MINI™

Summary of Scientific Papers *continued*

- **Charlton Study:** Australian Infect Control 2007; 12(3): 81-90 The Charlton study measures the weight of pre-loaded soil removed after a single pass of PULL THRU™ versus six passes of the bristle brushes the comparison was made against.
Conclusion: The PULL THRU™ significantly increases cleaning efficiency, removing between 96% to 100% of residual soil on a single pass, compared to traditional brushes, which remove between 29% and 90% after three brushing cycles.

All three papers are available on request.



Percent of soil removed (Mean +/- SD) from the lumen after passage of the lumen-cleaning device.

Directions for Use

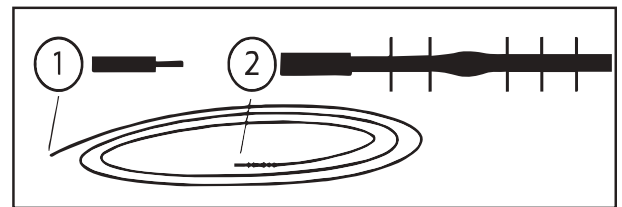
Working Channel: 1.4-2.6mm ID

Working Length: approximately 220cm

Compatible with OLYMPUS®/FUJINON®/PENTAX® Bronchoscopes and GI Endoscopes with channels in the designated range (1.4-2.6 mm ID)



Be sure to use the PULL THRU™ cleaning device on wet channels.



1. Check the internal diameters of the channels by consulting the Instructions for Use from the scope manufacturer and choose the size of PULL THRU™ Cleaning Brush that is compatible with the internal diameters of the channels.
2. Open the pouch and remove the PULL THRU™ Cleaning Brush from the package. Ensure the proper size of brush is used by inserting the PULL THRU™ Cleaning brush head (2) into the distal end of the scope; it should not feel too tight or too loose against the channel wall.
3. Submerge the scope in a detergent solution after leak testing.
4. Insert the short tip end ① of the PULL THRU™ channel cleaning device into channels in the sequence described in the scope manufacturer's IFU.
5. Advance the PULL THRU™ channel cleaning brush into the channel by using short 2cm strokes.
6. Once the short tip end has exited the distal tip, pull the brush through the scope until it has passed completely through this channel. Pull the brush slowly through the channels to prevent spraying matter when the PULL THRU™ channel cleaning brush head ② exits the channel.
7. Continue the process for each channel until each channel is clean.
8. If using the 2.8-5mm brush or balloon brush, check for soil on wipers 4 and 5. If there is soil, rinse and pass it back down the channel. If you are using the mini, micro, or XL, pass the brush back down the channel if there is soil on the third wiper or beyond.

Dispose of device after use.

Guideline References

The SGNA guidelines say to "Use a brush size compatible with each channel."¹ The PULL THRU Cleaning Brush is compatible with a wide range of internal diameters given the many sizes available.

Studies are not the only documents that support the use of the PULL THRU™ Cleaning Brush. The AORN guidelines states, "New technologies for brush design and lumen cleaning may be more effective and less damaging to the internal lumens of flexible endoscopes."² It also quotes the Charlton study (listed above) that was done on the PULL THRU Cleaning Brush.

¹Society of Gastroenterology Nurses and Associates, Inc. (SGNA). (2018). Standards of Infection Prevention in Reprocessing of Flexible Gastrointestinal Endoscopes. [Practice standard]. Chicago, IL: Author.

²Association of periOperative Registered Nurses (AORN). (2019). Guidelines for Perioperative Practice. Denver, CO: Author.

PULL THRU™ is the trademark of F R Galantai Manufacturing Limited



393 Sagamore Avenue, Mineola, New York 11501
1-800-537-8463 • www.ruhof.com

111722 TD-MPT rev. 2