

# ScopeValet™ Endoscopy Care Products

## ScopeValet™ PULL THRU™ MICRO

For endoscope channels from 1.0 to 1.2mm

**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 # MCPT60C 60 Pull Thru™ Micro with Cassette and Wall Mount

Item # MCPT60R 60 Pull Thru™ Micro

Item # MCPT180R 180 Pull Thru™ Micro

Item # MCPTSUP Single Procedure User Packs  
(contains one Pull Thru™ Micro and one Stubby Brush)

The ScopeValet™ PULL THRU™ MICRO is an endoscope channel cleaning device which can be effectively used to clean small channel endoscopes with lumens from 1mm to 1.2 mm in a SINGLE PASS. The PULL THRU™ MICRO is designed to significantly reduce the time required to manually clean endoscope channels and to improve the overall efficacy of the cleaning process.

The unique three wiper design of the ScopeValet™ PULL THRU™ line 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

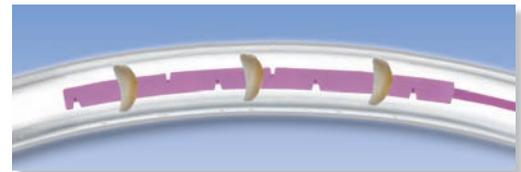
- Designed for small endoscopes with channels from 1.0 to 1.2 mm: Fiber Endoscopes, Duodenoscopes, Catheterscopes, Borescopes, Ureterscopes, Video Bronchoscopes, Fiber Bronchoscopes, Choledochoscopes, Hysteroscopes, Neuro-Fiberscopes, Intubation scopes etc.
- Unique wiper element design provides a complete 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™ MICRO 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.**

*continued*



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



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

# ScopeValet™ PULL THRU™ MICRO

## Summary of Scientific Papers *continued*

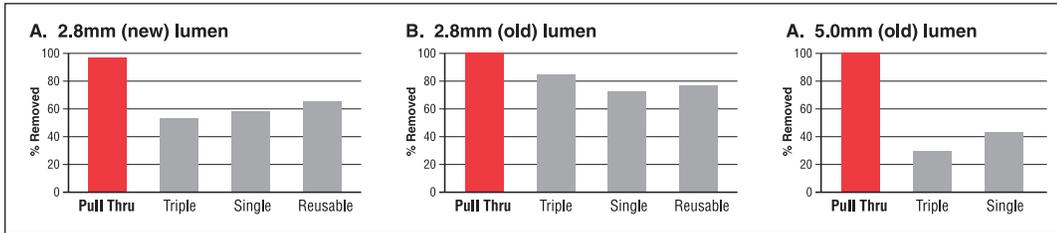
- **Deventer Study:** compares the amount of protein removal in the channel of a range of colonoscopes after brushing with reusable bristle brush, a single use bristle brush and a PULL THRU™.

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.

**Conclusions:** *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.*

- **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.*



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

All three papers are available on request.

## Directions for Use

Working Channel: 1.0-1.2 mm ID

Working Length: approximately 220cm

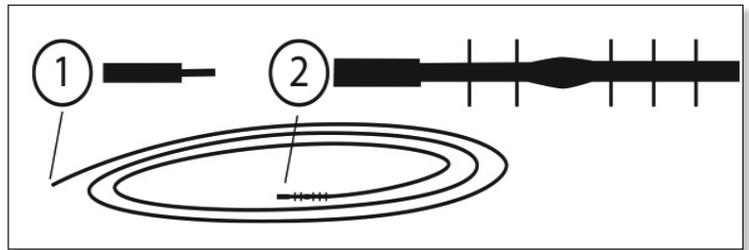
Compatible with all scopes with channels in the designated range (1.0-1.2 mm ID)

1. Be sure to use the PULL THRU™ MICRO on wet channels.



2. Open the pouch and remove the PULL THRU™ MICRO channel cleaning device from the package.
3. Check the working channel inner diameter by inserting the PULL THRU™ MICRO head ② into the distal end of the scope; if too tight or too loose check channel inner diameter against scope manufacturer's instructions. The wipers should pass easily through the channel.
4. **CHANNEL 1:** Check the size of the suction channel. If it is 2.8mm to 5mm, skip to steps 7 & 8.
5. **CHANNEL 1:** Insert the PULL THRU™ MICRO into the suction valve port through to the distal tip of the scope, using short hand strokes. Once the plastic sheath ① has exited the distal tip, pull the device through the endoscope until it has passed completely through this channel.
6. **CHANNEL 2:** Then insert the PULL THRU™ MICRO into the biopsy channel port through to the distal tip of endoscope, using short hand strokes. Once the plastic sheath ① has exited the distal tip of the biopsy channel, pull the device through the biopsy channel until it has passed completely through this channel.
7. **CHANNEL 1:** Use a PUSH THRU™. Insert PUSH THRU™ into suction channel, wiper end first to biopsy channel.
8. **CHANNEL 2:** Then insert the PULL THRU™ MICRO into the biopsy channel port through to the distal tip of endoscope, using short hand strokes. Once the plastic sheath ① has exited the distal tip of the biopsy channel, pull the device through the biopsy channel until it has passed completely through this channel.

Dispose of device after use.



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