

PROfILE Single-Use Cleaning Brushes





DESIGNED FOR PENTAX – One product range that fits every PENTAX Medical endoscope

Manually pre-cleaning flexible endoscopes is key to ensuring reliable reprocessing as an end result. Even with magnification, visual assessment of the manual pre-cleaning results is insufficient to detect microorganisms. As such, PENTAX Medical provides a verified and validated solution to improve confidence in manual pre-cleaning, with the new PROFILE single-use cleaning brushes.

1

Proven cleaning efficiency

2

Designed and validated to meet PENTAX Medical's quality standards

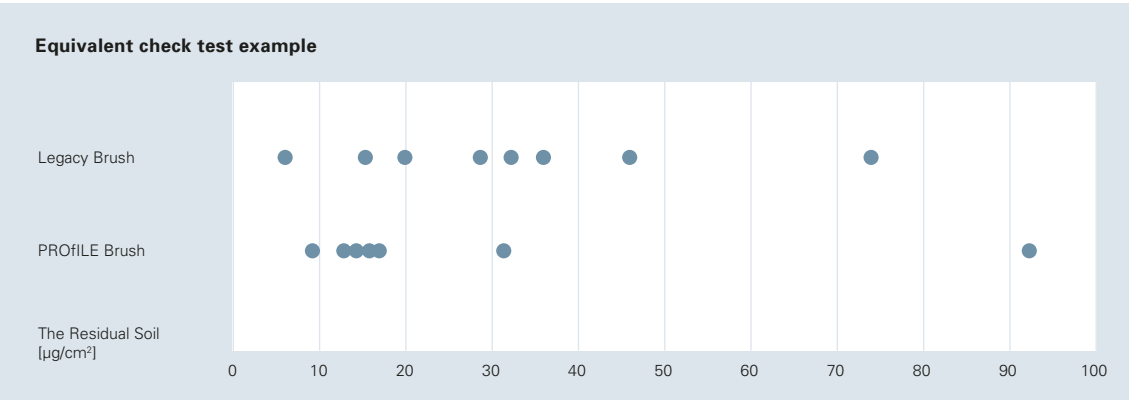
3

Compliant with the industry's highest reprocessing standards

Proven cleaning efficiency

In combination with PENTAX Medical endoscopes, the PROfILE single-use cleaning brushes were tested against residual soil and compared against the performance of legacy brushes.

Through an authorized statistical test method, the internal validation proved both brushes to have a similar performance.



Designed and validated to meet PENTAX Medical's quality standards

PROfILE single-use cleaning brushes were made to meet the high-quality standards of PENTAX Medical engineering. Extensive internal tests have proven that they are the best possible fit to ensure proper hygiene results, with no impairment to the endoscope, across all types.

- Tailored for PENTAX Medical endoscopes' precise dimensions, structures, and materials
- Improved bonding and pull-off capability at optimal insertion resistance of $\leq 10\text{N}$
- No damage to endoscope working channels and reliable even at increased thermal conditions

Compliant with the industry's highest reprocessing standards

How clean is clean enough? This was the leading question of PENTAX Medical engineers when deciding upon the validation criteria for hygienic efficacy of the PROfILE single-use cleaning brushes. In order to follow established standards, PENTAX Medical validated against the requirements of the Association for the Advancement of Medical Instrumentation (AAMI)¹.

Article	Hemoglobin [< 2.2µg/cm²]			Protein [< 6.4µg/cm²]			Carbohydrate [< 1.8µg/cm²]		
	µg/article	µg/cm²	Result	µg/article	µg/cm²	Result	µg/article	µg/cm²	Result
Endoscope 1	14.88	1.06	PASS	31.05	2.20	PASS	10.82	0.77	PASS
Endoscope 2	9.92	0.70	PASS	22.68	1.61	PASS	8.05	0.57	PASS
Endoscope 3	19.84	1.41	PASS	59.40	4.21	PASS	6.82	0.48	PASS

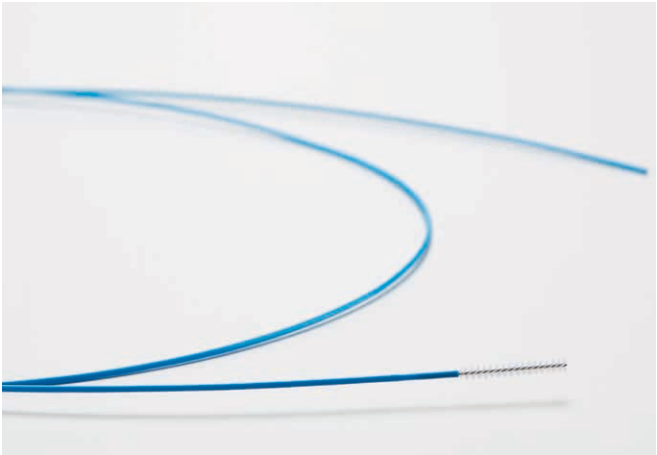
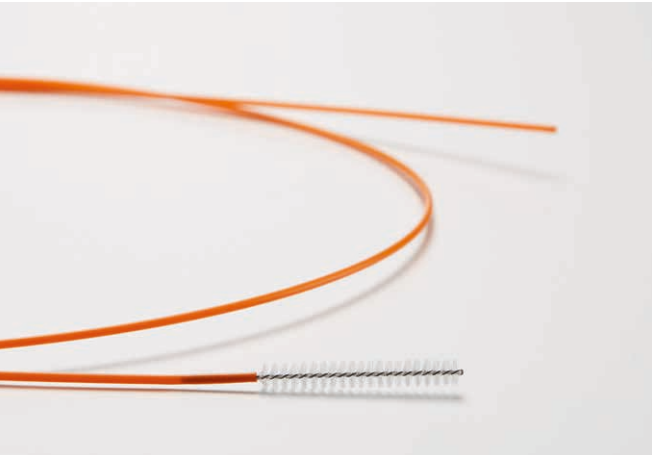
Test example: Residual of three markers at scope's distal end after third cleaning cycle, complying with AAMI requirements.

¹AAMI TIR30:2011
Hemoglobin < 2.2µg/cm², Protein < 6.4µg/cm², Carbohydrate < 1.8µg/cm²
AAMI standards are not applicable for Europe.

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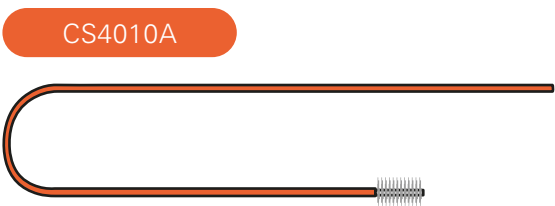
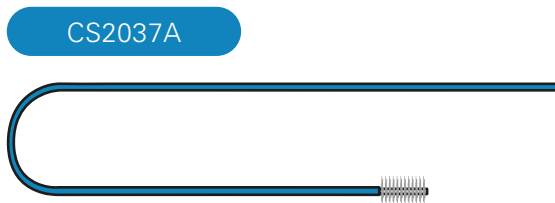
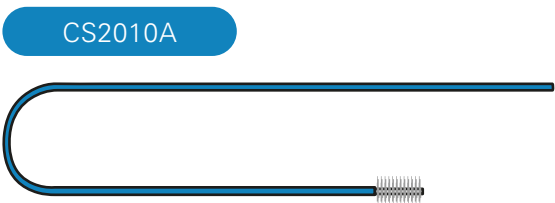
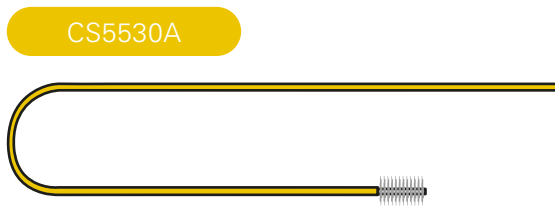
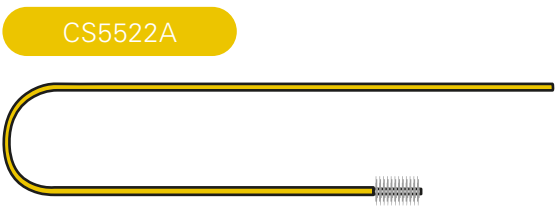
One product range that matches every channel

	Brush				Compatible endoscope						
Item Code	Model	Length [mm]	Outer Diameter [ø mm]	Color [Shaft / Handle]	Compatible Channel I.D. [mm]	Working Length [mm]	Gastro-entero-logy	Pulmo-nology	Urology	ENT & Speech	Intu-bation
Long channel brushes											
300600	CS2010A	1,020	2	Blue	1.15 - 1.5	Up to 720		•	•	•	•
300601	CS2037A	3,720	2		1.15 - 1.5	Up to 3,420	•				
300602	CS3022A	2,220	3	White	1.72 - 2.4	Up to 1,920	•				
300603	CS4010A	1,020	4	Orange	1.8 - 3.2	Up to 720		•	•	•	•
300604	CS5503A	310	5,5	Yellow	2.7- 4.8	N/A		•	•	•	•
300605	CS5522A	2,420	5,5		2.7 - 4.8	Up to 2,120	•				
300606	CS5530A	3,020	5,5		2.7 - 4.8	Up to 2,720	•				
Short inlet seal brushes											
300607	CS-C11A	N/A	6-14	Cobalt Blue	N/A	N/A		•	•	•	•
300608	CS-C13A	N/A	6-15	Green	N/A	N/A	•				

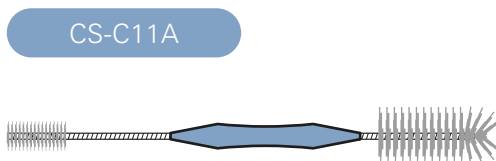
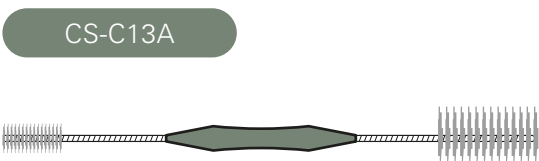


Overview PROfILE single-use cleaning brushes

Long channel brushes



Short inlet seal brushes



Find the right brush with the brush finder on www.the-hygiene-solution-that-fits.com

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