

Porpoise[™] Air/Water Cleaning Adapter



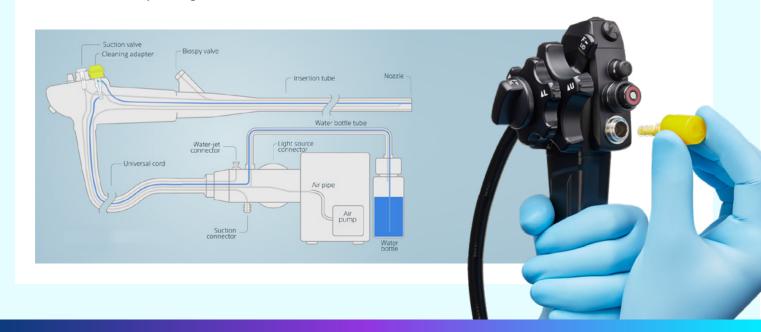
The Porpoise[™] Air/Water Cleaning Adapter is an integral step in the pre-clean process as laid out by the applicable Olympus reprocessing manuals^{5,6} for flexible endoscopes, which should be followed according to societal guidelines.^{1,3,4}

The Porpoise[™] Air/Water Cleaning Adapter is:

- A single-use alternative to reusable cleaning adapters designed to address issues related to potential contamination during reprocessing
- Designed to flush the air and water channels with air and water during the bedside pre-cleaning process, after endoscopic procedures
- Compatible with the following gastrointestinal endoscopes: Olympus EVIS EXERA (160), EVIS EXERA II (180) & EVIS EXERA III (190)

How it works

The Porpoise[™] Air/Water Cleaning Adapter is attached to the air/water cylinder of the endoscope. When the Cleaning Adapter is depressed, water from the bottle is fed through the air/water nozzle of the endoscope to clean the nozzle and air/water channels, to flush them along with the nozzle of the endoscope. When the cleaning adapter is not depressed, air is fed constantly through the air/water channels.





The Porpoise[™] Air/Water Cleaning Adapter provides important patient safety and operational efficiency benefits

- A cleaning adapter facilitates a critical step of the Olympus pre-cleaning process: flushing the endoscope channels and nozzle to aid in preventing build-up of potentially infectious bioburden and foreign debris^{1,2,3,4,5,6,7}
- The use of single-use cleaning adapters ensures a clean and functioning air/water cleaning adapter is available for endoscopes post-procedure, guarding against the contamination risk associated with incomplete bedside reprocessing steps or wear and tear on reusable cleaning adapters^{5,6,8,9}
- The Porpoise[™] Air/Water Cleaning Adapter is designed to meet the pre-cleaning guideline requirements for a cleaning adapter in the applicable Olympus reprocessing manuals. A single-use cleaning adapter that meets these requirements supports audit readiness and streamlines compliance and training for staff ^{1,2,3,4,5,6}
- The use of a single-use air/water cleaning adapter eliminates:
 - The labour burden and costs associated with reprocessing, tracing and maintaining reusable cleaning adapters potentially increasing operational efficiency
 - The risk of misplacing, discarding, and having to frequently replace a reusable cleaning adapter, potentially contributing to economic savings^{5,6}

In addition, working with Boston Scientific brings benefits of standardisation including inventory readiness and educational support.



Environmental sustainability & impact

Aligned to Boston Scientific's deep commitment to corporate responsibility, environmental sustainability has been integral to the Porpoise[™] Air/Water Cleaning Adapter product development including:

- Simple design using a bright visual differentiator instead of a tag which is added bulk
- Recyclable packaging
- Manufacturing plant sustainability
- Supply chain emission minimisation

As a global medical device manufacturer, Boston Scientific understands that our planet is facing challenges that affect us all. By proactively addressing energy consumption, carbon output, waste management, and water use, we are making measurable progress towards shaping a better future for our planet. The Global Energy Management System (GEMS) helps ensure that Boston Scientific meets its energy reduction commitment globally. Boston Scientific has committed to carbon neutrality in manufacturing and key distribution sites for all our products by 2030.

For additional details on Boston Scientific sustainability efforts, please click here.

Product code

Order Number	Description	Unit
M00501891	Porpoise Air/Water Cleaning Adapter (for use with Olympus 160, 180 and 190 gastrointestinal endoscopes)	Box 50

Sources

- 1. Center for Disease Control and Prevention (CDC). Essential Elements of a Reprocessing Program for Flexible Endoscopes Recommendations of the Healthcare Infection Control Practices Advisory Committee; Last update: 2017.
- 2. American Society for Gastrointestinal Endoscopy (ASGE). Multisociety guidelines on reprocessing flexible gastrointestinal endoscopes and accessories. Downers Grove (IL): American Society for Gastrointestinal Endoscopy; 2020.
- 3. Society of Gastroenterology Nurses and Associates (SGNA). Standards of Infection Prevention in Reprocessing Flexible Gastrointestinal Endoscopes. Chicago (IL): Society of Gastroenterology Nurses and Associates; 2018.
- 4. Association of periOperative Registered Nurses (AORN). Guideline for Processing Flexible Endoscopes. Denver (CO): The Association of periOperative Registered Nurses; 2016.
- 5. Olympus America, Inc. EVIS EXERA III Gastrointestinal Videoscope Reprocessing Manual 2014.
- 6. Olympus America, Inc. EVIS EXERA II Gastrointestinal Videoscope Reprocessing Manual 2009.
- 7. Thomas, Lynn A. Essentials for Endoscopic Equipment. Gastroenterology Nursing. Society of Gastroenterology Nurses and Associates, Inc. 2005. 334-5.
- 8. Kenters et al. Infectious diseases linked to cross-contamination of flexible endoscopes. Endoscopy International Open 2015; 03: E259–E265.
- 9. Strategic Health Resources. The Price of Avoiding a \$20 Million Loss: Operational Costs and Contamination Events in Endoscope Reprocessing. SGNA 39th Annual Course, May 18-23 2012.

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