

DEFENDO™

Single-Use Valves

PROCEDURE



INNOVATION FOCUSED

We continue to innovate to bring our Customers the infection prevention resources needed to protect their patients and staff.

- Our research and development team is constantly working to better understand all the available valve options on the market and to create products that address unmet clinical needs.
- Our verification testing includes multiple tests for force and suction to help create valves that don't exhibit some of the common issues with reusable and other single-use valves: clogging, sticking and loss of insufflation.
- The consistency and accuracy we achieve in our manufacturing processes means that less than one tenth of one percent of our valves exhibit a reportable issue.¹

SOCIETY GUIDELINES

SUPPORT THE USE OF
SINGLE-USE ENDOSCOPE VALVES

AORN

"8.12.1 When performing HLD, process reusable endoscope parts and accessories with the endoscope. If the accessories are processed separately, the individual parts should be traceable to the patient."²

"1.4.1 Biopsy port caps and valves may be for single-use or reusable, although single-use is preferred. Using single-use biopsy caps and valves eliminates the need to keep these accessories with the endoscope during reprocessing for traceability."²

ANSI/AAMI

"10.1 General Considerations: Processing of certain reusable endoscope components such as air/water and suction valves, biopsy port covers, water bottles, and tubing, requires the same level of inspection, cleaning, and high-level disinfection or sterilization as the endoscope themselves. If compatible, valves should be subject to sterilization. Alternatively, valves may be immersed in an LCS/HLD solution, following manufacturer's written IFU, or single-use, disposable valves can be used."³

SGNA

"Proper reprocessing of endoscopes and accessories is critical to the safe and successful treatment of patients. Any deviation from the reprocessing protocol can lead to the survival of microorganisms and increased risk of infection."⁴

THE BEST DEFENSE IS DEFENDO™ SINGLE-USE VALVES

INFECTION PREVENTION

Promoting patient safety and supporting infection control guidelines is at the forefront.

STERIS has an extensive Infection Prevention portfolio which features a variety of single-use, disposable products designed to improve patient outcomes, while increasing procedural efficiency. DEFENDO Single-Use Valves provide an alternative option to manual cleaning of reusable valves and eliminates the need to track valves with endoscopes throughout the reprocessing cycle.

PERFORMANCE

DEFENDO Valves are high-performance, high-quality products that support procedural control and efficiency.

Our verification testing includes multiple tests for force and suction to help create valves that don't exhibit some of the common issues with reusable and other single-use valves: clogging, sticking and loss of insufflation. When you experience these issues during a procedure, the result can be a longer, more difficult procedure.

DEFENDO SINGLE-USE VALVES ARE COMPATIBLE WITH LEADING GI ENDOSCOPES, INCLUDING OLYMPUS®, OLYMPUS EUS, PENTAX® 90 AND i10 SERIES, AND FUJIFILM™ 500, 600 AND 700 SERIES.

DEFENDO Single-Use Valves

for OLYMPUS Endoscopes



| Product Number | Product Description | Box Qty | DEFENDO™ A/W Valve | DEFENDO™ Suction Valve | DEFENDO™ Biopsy Valve | DEFENDO™ Cleaning Adapter | ENDOGATOR™ Irrigation Connector |
|----------------|---|---------|--------------------|------------------------|-----------------------|---------------------------|---------------------------------|
| 100301 | DEFENDO™ Single-Use Biopsy Valve for OLYMPUS (Sterile) | 100 | | | x | | |
| 100305 | DEFENDO™ Single-Use Valves - 3-PC Kit for OLYMPUS (Sterile) | 50 | x | x | x | | |
| 100306 | DEFENDO™ Single-Use Valves - 2-PC Kit for OLYMPUS (Sterile) | 50 | x | x | | | |
| 100310 | DEFENDO™ Single-Use Valves - 4-PC Kit for OLYMPUS (Sterile) | 50 | x | x | x | | x |
| 100311 | DEFENDO™ Single-Use Valves - 3-PC Kit for OLYMPUS (Sterile) | 50 | x | x | | | x |
| 100322 | DEFENDO™ Single-Use Valves - 5-PC Kit for OLYMPUS (Sterile) | 50 | x | x | x | x | x |
| 100323 | DEFENDO™ Single-Use Valves - 4-PC Kit for OLYMPUS (Sterile) | 50 | x | x | x | x | |
| 4003269 | DEFENDO™ Single-Use Valves - 3-PC Kit for OLYMPUS (Sterile) | 50 | x | x | | x | |
| 4003280 | DEFENDO™ Single-Use Valves - 4-PC Kit for OLYMPUS (Sterile) | 50 | x | x | | x | x |
| 4000096 | DEFENDO™ Single-Use Cleaning Adapter for OLYMPUS (Single Pack, Sterile) | 50 | | | | x | |
| 4008055 | DEFENDO™ Single-Use Cleaning Adapter for OLYMPUS (Single Pack, Non-Sterile) | 50 | | | | x | |

DEFENDO Single-Use Valves

for OLYMPUS EUS Endoscopes



| Product Number | Product Description | Box Qty | DEFENDO™ A/W Valve | DEFENDO™ Suction Valve | BIOSHIELD™ Biopsy Valve - EUS Linear | DEFENDO™ Biopsy Valve - EUS Radial |
|----------------|--|---------|--------------------|------------------------|--------------------------------------|------------------------------------|
| BX00711900 | DEFENDO™ Single-Use Valves - 2-PC Kit for OLYMPUS EUS (Sterile) | 25 | x | x | | |
| BX00711901 | DEFENDO™ Single-Use Valves - 3-PC Kit for OLYMPUS EUS Linear (Sterile) | 25 | x | x | x | |
| BX00711904 | DEFENDO™ Single-Use Valves - 3-PC Kit for OLYMPUS EUS Radial (Sterile) | 25 | x | x | | x |

DEFENDO Single-Use Valves

for PENTAX 90 and i10 series Endoscopes



| Product Number | Product Description | Box Qty | DEFENDO™ A/W Valve | DEFENDO™ Suction Valve | DEFENDO™ Biopsy Valve | ENDOGATOR™ Irrigation Connector |
|----------------|--|---------|--------------------|------------------------|-----------------------|---------------------------------|
| 100315 | DEFENDO™ Single-Use Valves - 4-PC Kit for PENTAX (Sterile) | 50 | x | x | x | x |
| 100316 | DEFENDO™ Single-Use Valves - 3-PC Kit for PENTAX (Sterile) | 50 | x | x | x | |
| 100317 | DEFENDO™ Single-Use Valves - 2-PC Kit for PENTAX (Sterile) | 50 | x | x | | |

DEFENDO Single-Use Valves

for FUJIFILM 500 and 600 series Endoscopes



| Product Number | Product Description | Box Qty | DEFENDO™ A/W Valve | DEFENDO™ Suction Valve | DEFENDO™ Biopsy Valve | ENDOGATOR™ Irrigation Connector |
|----------------|--|---------|--------------------|------------------------|-----------------------|---------------------------------|
| 100312 | DEFENDO™ Single-Use Valves – 4-PC Kit for FUJIFILM 500/600 (Sterile) | 50 | x | x | x | x |
| 100313 | DEFENDO™ Single-Use Valves – 3-PC Kit for FUJIFILM 500/600 (Sterile) | 50 | x | x | x | |
| 100314 | DEFENDO™ Single-Use Valves – 2-PC Kit for FUJIFILM 500/600 (Sterile) | 50 | x | x | | |

DEFENDO Single-Use Valves

for FUJIFILM 700 series Endoscopes



| Product Number | Product Description | Box Qty | DEFENDO™ A/W Valve | DEFENDO™ Suction Valve | DEFENDO™ Biopsy Valve | DEFENDO™ Cleaning Adapter | ENDOGATOR™ Irrigation Connector |
|----------------|--|---------|--------------------|------------------------|-----------------------|---------------------------|---------------------------------|
| 100325 | DEFENDO™ Single-Use Valves – 5-PC Kit for FUJIFILM 700 (Sterile) | 50 | x | x | x | x | x |
| 100328 | DEFENDO™ Single-Use Valves – 4-PC Kit for FUJIFILM 700 (Sterile) | 50 | x | x | x | x | |
| 100330 | DEFENDO™ Single-Use Valves – 3-PC Kit for FUJIFILM 700 (Sterile) | 50 | x | x | | x | |
| 100331 | DEFENDO™ Single-Use Valves – 4-PC Kit for FUJIFILM 700 (Sterile) | 50 | x | x | | x | x |
| 100333 | DEFENDO™ Single-Use Valves – 4-PC Kit for FUJIFILM 700 (Sterile) | 50 | x | x | x | | x |
| 100335 | DEFENDO™ Single-Use Valves – 3-PC Kit for FUJIFILM 700 (Sterile) | 50 | x | x | x | | |
| 100336 | DEFENDO™ Single-Use Valves – 2-PC Kit for FUJIFILM 700 (Sterile) | 50 | x | x | | | |
| 100337 | DEFENDO™ Single-Use Cleaning Adapter for FUJIFILM 700 (Single Pack, Non-Sterile) | 50 | | | | x | |

STERIS Single-Use Valves

for FUJIFILM 700 series Endoscopes



| Product Number | Product Description | Box Qty | A/W Valve | Suction Valve | Biopsy Valve | Irrigation Connector |
|----------------|--|---------|-----------|---------------|--------------|----------------------|
| 100340 | STERIS Single-Use Valves – 4-PC Kit for FUJIFILM 700 (Sterile) | 50 | x | x | x | x |

1. Customer service data on file.
2. AORN. "Guidelines for Perioperative Practice: Guideline for Processing Flexible Endoscopes." (2023); pg. 222-236.
3. ANSI/AAMI ST91: 2021. "Flexible and semi-rigid endoscope processing in health care facilities." (2021); pg. 51.
4. SGNA. "Standards of Infection Prevention in Reprocessing of Flexible Gastrointestinal Endoscopes." (2023); pg. 4.