

OLYMPUS[®]

Your Vision, Our Future

ENDOSCOPE REPROCESSOR

OER-PRO

Easier, Faster, Reliable



Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.

OLYMPUS[®]

OLYMPUS MEDICAL SYSTEMS CORP.
Shinjuku Monolith, 2-3-1 Nishi-Shinjuku, Shinjuku-ku, Tokyo 163-0914, Japan

For a complete listing of
sales and distribution locations visit:
www.olympus.com

Olympus Endoscope Reprocessor

The only reprocessor designed by an endoscope manufacturer.

With its combined expertise and knowledge in endoscopy, Olympus has developed a dual-scope reprocessor designed to assure the best possible reprocessing outcome for your Olympus flexible endoscopes.

The OER-Pro provides high-level disinfection of Olympus flexible endoscopes and accessories



With years of experience in endoscope manufacturing, Olympus has the unique ability to ensure optimal compatibility between the OER-Pro, validated disinfectants and detergents, and your Olympus flexible endoscopes.



ENDOSCOPE REPROCESSOR

OER-Pro

Easier, Faster, Reliable

- Compact and Smart Design
- Quick Reprocessing Time
- Modified Manual Cleaning Flow
- Automated Scope ID System
- Two Dedicated Chemicals: Acecide-C & Aldahol

Easier, Faster, Reliable

The Ideal Reprocessor for Your Olympus Flexible Endoscopes

Compact and Smart Design

Only 18 inches wide, the OER-Pro has a smart design, requiring less than half the space of conventional endoscope reprocessors. Casters allow for increased mobility and accessibility, making installation and maintenance easier.

Visual detection

The operator can visually verify that there is fluid flow to the endoscope channel connectors.

Two ergonomic control panels

The main control panel is simple and easy to use; it supports routine operation. The subcontrol panel is for optional functions.

Highly engineered stainless steel basin

Eliminates costly replacements due to cracking.

Basin lid can be opened at the press of the foot pedal

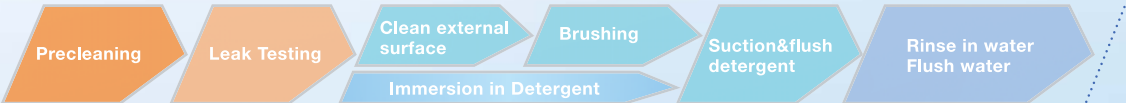
The basin lid is kept locked during operation to prevent accidental exposure, spills or splashing.



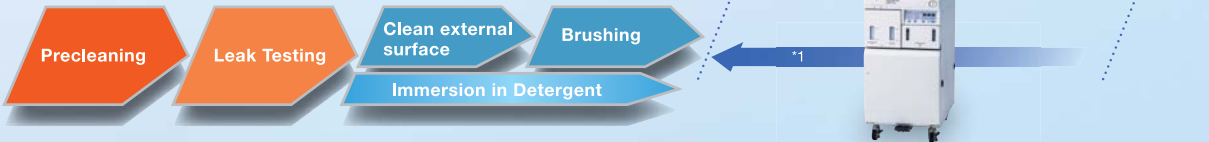
Modified Manual Cleaning Flow

The modified manual cleaning flow allows for quicker and easier reprocessing, eliminating over half of the manual cleaning steps, including flushing of the endoscope channels. The OER-Pro reduces the amount of work involved with suctioning and flushing, which are associated with the repetitive use of syringes, and streamlines endoscope reprocessing; after brushing, endoscopes can be placed directly into the OER-Pro.

Manual cleaning with conventional reprocessor



Manual cleaning with OER-Pro



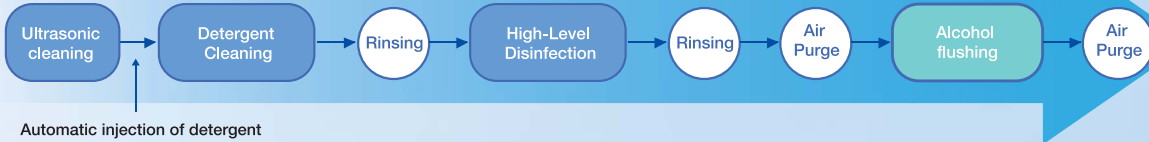
*1 Some models such as endoscopes with an elevator channel may require additional steps.

Quick Reprocessing Time *with Acecide-C: 26min / Aldahol: 29min*

The OER-Pro can simultaneously reprocess two flexible endoscopes in 26 – 29 minutes*.

* Based on water supply conditions set by Olympus. Actual performance may vary depending on local conditions.

Cleaning/Disinfection Schematic



Dual scope processing*

OER-Pro can simultaneously reprocess two flexible endoscopes.
*Simultaneous reprocessing of two scopes may not be possible with some scope configurations.

Automatic disinfection of endoscopic valves

High-level disinfection of the Olympus endoscopic valves is achieved using the OER-Pro.

Ultrasonic cleaning and high-pressure laminar channel flow

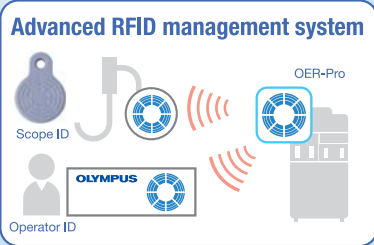
The combination of the advanced technology with a specially formulated dedicated detergent supports the overall cleaning process.

Automatic alcohol flushing

Fully automated alcohol flush to enhance endoscope drying.

Automated Scope ID System

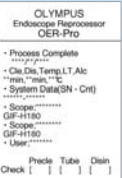
The OER-Pro is equipped with an easy-to-use RFID management system*, which automatically records scope serial and model numbers, operator ID, and time of reprocessing. This eliminates the cumbersome manual input of information with a keypad or barcode. *RFID : Radio Frequency Identification



The scope reprocessing information includes the operator ID, the cycle date/time, and the machine serial number.

Printer to document usage history

The OER-Pro printer makes quality control, tracking, and reprocessing compliance easier. Print details can be output after each cycle or at the end of the day.



Two Dedicated Chemicals: Acecide-C & Aldahol

The OER-Pro can be used with one of two dedicated chemicals of your choice. Both chemicals have been tested and approved by Olympus for compatibility with Olympus endoscopes.

Acecide-C High-level Disinfectant & Sterilant



- PAA-based, Aldehyde-free HLD solution
- 7-minute HLD at room temperature (20°C / 68°F)
- Maximum reuse period: 5 days

High-level disinfect in 7 minutes at room temperature

The OER-Pro can reprocess two endoscopes in as low as 26 minutes with Acecide-C.

Use the only validated PAA solution by Olympus for Olympus endoscopes

Acecide-C was developed and tested for compatibility with Olympus endoscopes and the OER-Pro. Acecide-C is proven to not degrade your valued investments.

Save time and effort with a safe and hassle-free replacement of chemical

Replacement is quick and easy. Just insert the Acecide-C bottles into the drawer of OER-Pro. With less manual handling required, Acecide-C allows operators to minimize exposure to the disinfectant.



Aldahol High-level Disinfectant & Sterilant



- GA-based HLD solution with isopropanol
- 10-minute HLD at room temperature (20°C / 68°F)
- Maximum reuse period: 14 days

Ensure enhanced mycobactericidal activity by isopropanol

Aldahol is a highly efficient and efficacious solution with enhanced mycobactericidal activity through the combination of isopropanol and glutaraldehyde.

High-level disinfect in 10 minutes at room temperature

Aldahol is fast-acting against microorganisms including mycobacteria and spore-forming bacteria, in as low as 10 minutes, at room temperature, without causing damage to your endoscopes.

Guarantee compatibility with your Olympus endoscopes

Aldahol was tested for compatibility with Olympus endoscopes and the OER-Pro. Aldahol, like Acecide-C, is proven to not degrade your valued investments.

Operating environment

Ambient temperatures	10 - 40°C (50 — 104°F)
Relative Humidity	30 - 85%
Water supply flow	17 L/min. (4.5 gallons/min.) or more when the faucet is fully open

Specifications

Applicable scopes	Olympus flexible endoscopes (Consult Olympus sales representative for details.)
Number of reprocessed endoscopes	Max. 2 (1 with certain models)
Cleaning method	Exterior surfaces: Ultrasonic cleaning, turbulent bath Channel interiors: Fluid flushing Valves: Ultrasonic cleaning, fluid flushing
Disinfection method	Exterior surfaces: Disinfectant solution immersion Channel interiors: Disinfectant solution flushing and filling Valves: Disinfectant solution immersion
Cleaning time setting	3 – 10 minutes (Setting variable in 1 min. increments)
Disinfection time setting	Acecide-C: 7 minutes Aldahol: 10 minutes
Disinfectant solution temperature setting	20°C (68°F) (If the temperature of the disinfectant solution is below 20°C, the disinfectant solution is heated to 20°C (68°F).)

Water supply pressure	Between 0.1 to 0.5 MPa
Water supply temperature	Max. 28°C (82°F)
Water hardness	400 ppm (Maximum) 0 — 150 ppm (Recommended value)

Disinfectant solution heating method	Built-in heater in the reprocessing basin. ① Heats disinfectant immediately prior to disinfection process during the reprocessing cycle ② Heats disinfectant prior to the start of the reprocessing cycle
Water discharge method	Forced draining using a pump (Floor drain)
Disinfectant solution discharge method	① Drains through disinfectant collection hose ② Drains through drain hose (Floor drain)
Reprocessing basin capacity	Approximately 14 L (3.7 gallons)
Disinfectant solution tank capacity	Approximately 17.5 L (4.6 gallons)
Disinfectant solution	Acecide-C (Olympus-validated disinfectant solution) Aldahol (Olympus-validated disinfectant solution)
Detergent	EndoQuick (Olympus-validated detergent)
Visual leakage detection	Bubble detection during immersion
Alcohol flushing	Automatic flushing/draining using a pump and compressor
Dimensions	450(W) x 977(H) x 765(D) mm (17.7 x 38.5 x 30.2 inch)
Weight	120 kg dry condition (264.6 lbs)
Power supply	Voltage: 120 VAC Frequency: 60 Hz Input current: 5.5 A Voltage fluctuation: ± 10%
Medical device classification	Protection against electric impact: Class I

Accessories



EndoQuick
Alkaline Detergent
Formulated specifically for use with Olympus endoscope reprocessors.



Air Filter: MAJ-823
Eliminates contaminants suspended in air.
Water Filter: MAJ-824
Bacteria-retentive.
Gas Filter: MAJ-822
Charcoal filter absorbs disinfectant vapors.



Printer Paper Roll: MAJ-1497
Replacement paper for the printer. One pack contains 10 rolls.



Scope ID tag: MAJ- 1545
ID chip: MAJ-1546
Stores the scope serial and model number as well as operator identification information, required for reprocess data management.



Connector Hanger: MAJ-865
The connector hanger is designed to assist the user in loading the endoscope and to help protect the endoscope tip from accidental damage during loading. The connector hanger holds the connector portion of the endoscope, and can be mounted on either side of the OER-Pro.



Acecide-C
High Level Disinfectant
Peracetic acid based liquid chemical germicide designated for OER-Pro.



Acecide Test Strips
Test strip for Acecide-C.



Aldahol
High Level Disinfectant
The uniquely formulated glutaraldehyde based liquid chemical germicide.



3M Comply Test Strip
Test strip for Aldahol.



Connecting Tubes
For feeding water or solution into the channels of scopes.