OLYMPUS ENDOSCOPE REPROCESSOR
OER-Mini

Operating Environment

- Ambient temperature: 10 - 40°C (50 - 104°F)
- Relative humidity: 30 - 85%
- Water supply flow: 17 L/min. (4.5 gallons/min.) or more when the water faucet is fully open
- Water supply pressure: 0.1 - 0.5 MPa (include water hammer)
- Water supply temperature: Max. 28°C (82°F)
- Water hardness: 400 ppm (maximum)
- 0 - 150 ppm (Recommended value)*1
  
  *1 The recommended value is in reference to AAMI TIR34: 2007 “Water for the reprocessing of medical devices”.

Specifications

- Applicable Endoscopes: Olympus endoscopes, miniature light sources, camera heads, and light guide cables
  Consult Olympus sales representative for details.
- Number of Reprocessed Endoscopes: 1
- Cleaning Method:
  - Exterior surfaces: Turbulent bath
  - Channel interiors: Fluid flushing
  - Valves: Fluid flushing
- Disinfection Method:
  - Exterior surfaces: Disinfectant solution immersion
  - Channel interiors: Disinfectant solution flushing and filling
  - Valves: Disinfectant solution immersion
- Cleaning Time Setting: 1 minute
- Disinfection Time Setting: 7 minutes
- Disinfectant Solution Temperature Setting:
  - If the temperature of disinfectant solution is below 22°C (72°F), it is heated to 22°C (72°F).
- Disinfectant Solution Heating Method:
  - 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:
  - Drain operating via gravity flow
  (Draining for sink or floor draining)
- Disinfectant Solution Discharge Method: Drains through drain hose
- Reprocessing Basin Capacity: Approximately 6 L (1.6 gallons)
- Disinfectant Solution Tank Capacity: Approximately 8 L (2.2 gallons)
- Disinfectant Solution: Acecide-C (Olympus-validated disinfectant solution)
- Detergent: EndoQuick (Olympus-validated detergent)
- Visual Leakage Detection: Bubble detection during immersion
- Power Supply:
  - Voltage: 120 V AC
  - Frequency: 60Hz
  - Power Input: 540 VA
  - Voltage fluctuation ±10%

Connecting Tubes
The connecting tubes connect the OER-Mini and the endoscope to feed solution into the endoscope channels. Contact Olympus for the connecting tubes for your Olympus endoscope.

Printer (MAJ-1937)
External printer prints out the OER-Mini reprocessing results.

Printer paper roll (MAJ-2003)
Replacement paper roll for the OER-Mini printer. One box contains 4 rolls.

EndoQuick Alkaline Detergent (EndoQuick-Mini)
Olympus-validated detergent for OER-Mini. One box contains 4 bottles of EndoQuick.

Acecide Test Strips (Acecide-C Test)
Chemical indicator for determining the MRC of Acecide-C.

Acecide-C High Level Disinfectant (Acecide-C-Mini)
Olympus-validated, peracetic acid based disinfectant solution for OER-Mini. One box contains 6 sets of Acecide-C.

Water Filter (MAJ-824): 0.2 micron, bacteria-retentive water filter

Water Filter Housing
External water filter housing contains water filter for providing filtered water to OER-Mini.

EndoQuick Alkaline Detergent (EndoQuick-Mini)
Olympus-validated detergent for OER-Mini. One box contains 4 bottles of EndoQuick.

For more information, contact your Olympus sales representative, or call 800-773-4301.
www.medical.olympusamerica.com

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Improve Efficiency with Consistent Reprocessing
Olympus’ Tabletop Endoscope Reprocessor

OER-Mini
16-minute* cycle includes:

- Minute 0
  - Cleaning process
    - 1-minute cleaning with detergent

- Minute 3
  - Disinfection process
    - 7-minute disinfection with peracetic acid

- Minute 12
  - Rinsing process
    - 3-minute rinse cycle for thorough rinse

- Minute 16
  - Optional alcohol flushing to dry working channels
  - Printer for simple logging

OER-Mini is the only reprocessor designed specifically for Olympus small diameter flexible endoscopes. Using our knowledge of flexible endoscopes, we optimized the cleaning and disinfection process to shorten cycle time, while minimizing damage caused by other harsh reprocessing chemicals.

Features:
- Vapor filters to reduce operator exposure to chemical fumes.
- Sealed reservoir stores disinfectant.
- Molded basin safely secures flexible endoscopes.
- Optional alcohol flushing to dry working channels.
- Printer for simple logging.

Short cycle time
The 16-minute cycle time* eliminates the need for some manual cleaning procedures. Turnover of scopes is as easy as: pre-cleaning, leak testing, external surface cleaning, brushing, then starting the OER-Mini cycle.

Patient and user safety
By automating the manual reprocessing process after brushing, the OER-Mini helps standardize reprocessing quality, as well as reduce the chance of human error. This allows you and your team to focus on patient care, not on manual reprocessing.

Compact, space-saving design
The OER-Mini’s design takes into account the space limitations in reprocessing rooms; the system can easily be installed on a countertop or a cart. Easy to access external filters also help to simplify maintenance.

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