### MAINTENANCE

#### Daily Maintenance
1. Check and refill detergent reservoir if used
2. Clean detergent reservoir if using diluted solution
3. Refill alcohol reservoir if necessary
4. Wipe basins with lint-free cloth

#### Weekly Maintenance
1. Lubricate leak tester hook up O-ring with silicone oil (if applicable)

#### Monthly
1. Lubricate basin connector O-ring with silicone oil
2. Check and clean the reusable disinfectant mesh filter.

#### Three Months
1. Replace 1 micron and 0.45 micron water filters every 3 months or if below 40 psi
2. Replace air filter

#### Six Months
1. Replace 0.2 micron water filter every 6 months or if below 40 psi
2. Replace vapor management filter (if applicable)

### TROUBLESHOOTING

#### Error Reports
1. Review interruptions caused by sensors: lid, fluid, air flow, basin level, reservoir levels, thermistors
2. Error messages

### SYSTEM OPERATION

#### Run the Reprocessing Cycle
1. Place floating lid on the basin. Verify endoscope or hook up does not contact floating lid and close reprocessor lid.
2. Press Station Select and choose Station A or B
3. Press ID DATA button and enter ID data (if applicable): serial number, operator ID, patient ID, physician ID
4. Select disinfection program and press START.
5. Verify fluid flows through hook ups, endoscope channels and from distal end and that there are no leaks.

#### Complete the Reprocessing Cycle
1. Test Rapicide PA with test strip to confirm potency. Press “HLD Pass” if test strip passed, “HLD Fail” if failed.
2. Confirm endoscope ID number on print out is correct, and “Completed” is documented.
3. Remove floating lid, disconnect hook up and remove endoscope. If any hook up component connection is loose or disconnected during the cycle, endoscope must be reprocessed.
4. Store hook up and reprocessed endoscope with all removable parts detached.

#### End of Day Shutdown
1. Close incoming water line
2. Sanitize upper basins and basin lids with an EPA-registered sanitizer

#### SYSTEM OPERATION

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**Medivators Customer and Technical Support Toll Free:** Phone: 1-800-444-4729 • FAX: 1-866-421-7696
INTENDED USE AND GUIDELINES

Intended Use
1. Intended Use - high level disinfection of flexible immersible endoscopes
2. Operator Safety Overview - appropriate PPE - mask, gown, gloves, eye protection

Guidelines for Reliable Disinfection
1. Detergent Solution - (optional) used in the pre-wash cycle. Must be low-foaming, free-rinsing, neutral in pH and used according to label instructions
2. Disinfectant Solution - required for high-level disinfection cycle
3. Olympus®, Pentax®, Fujinon®, Storz® - Endoscope cleaning and disinfection guidelines
4. SGNA, ASGE, ASTM, APIC and AORN - Endoscope cleaning and disinfection guidelines
5. SGNA approved reprocessing steps - Endoscope bedside pre-cleaning, leak testing, manual cleaning, high-level disinfection, final drying and storage standards and guidelines

PRODUCT FAMILIARIZATION

Endoscope Reprocessor Components and their Functions
1. Basin Components: lid, basin/station A&B, fluid inlet, basin connector, drain, overflow
2. Control Panel: keypad, function keys, LCD and LED indicators
3. Rear Components: incoming water, water filters, drain line, external water pressure regulator
4. Interior Components: water regulator, air tank
5. Fluid Reservoirs: alcohol reservoir, detergent reservoir
6. Filters: reusable disinfectant mesh filters, air filter, water filter internal: 0.2 micron, external: 0.45 micron & 1 micron filters
7. Passive vapor management system (if applicable)
8. Active (charcoal) vapor management system (if applicable)
9. Printer, paper and ribbon (if applicable)

Fluids and Test Strips
1. High-Level Disinfectant (HLD): Rapicide®PA Part A and Part B
2. Detergent: recommended detergent is Medivators Intercept®
3. Alcohol (70% Isopropyl): used to dry inside of endoscope channels
4. Test Strips: used to test the concentration of the Rapicide PA at end of each cycle

FLUID LOADING AND UNLOADING

High-Level Disinfectant (HLD), Detergent and Alcohol
1. Detergent and Alcohol loading to fill line
2. Replacing Rapicide PA Part A and Part B containers

OPERATOR CONTROLS

Control Panel
1. LED Indicators - alerts operator to system functions and errors. Status, Station, Cycle Phase, and Warning
2. LCD Screen - Displays system messages and prompts during system set up
3. Numeric Keypad - allows operator to enter numeric information
4. Function Keys - control the operation of the reprocessor. ID Data, Program Select, Add Air, HLD Pass, HLD Fail, Set up, Enter, Station Select, Start, Stop, Cancel

Program Set up and Functions
1. Program cycle time documentation
2. Review time remaining function (Set up 17)
3. Check basin temperature setting (Set up 13)
4. Printing set ups (Set ups 33, 21 & 25)
5. Clear printer log (Set up 10) Perform for both A and B Station
6. Water line auto disinfection process (Set up 6); at completion use (Set up 43) to purge water filters

SYSTEM OPERATION

Start-up
1. Verify power is on
2. Open incoming water line and verify water supply pressure into pre-filtration system is minimum of 40 psi.

Daily Service
1. Verify external water pressure regulator is between 35-40 psi during flush cycle.
2. Check external pre-filters when unit is in operation and review filter log. Replace filter if pressure drops below 40 psi.
3. Check detergent and alcohol reservoirs fluid levels and refill if necessary
4. Inspect hook ups for wear

Prepare Endoscope for Reprocessing
1. Place endoscope in basin with control section in right rear of basin, light guide in left front, distal tip tucked and knob up
2. Locate proper hook up and connect hook up to endoscope ports and basin connection.
3. Place accessory bag into basin away from drain
4. Attach leak tester hook up (if applicable)

Endoscope Reprocessing Cycle Summary
1. Cycle Start-up Phase - monitoring of system sensors. Leak tester will inflate and monitor endoscope.
2. Soak Phase - water and detergent (if applicable) fill basin for soak and flush through channels
3. Disinfectant Phase - endoscope is flushed and soaked with Rapicide PA
4. Rinse Phase - basins fill with fresh water twice and channels are flushed with water
5. Alcohol Phase - alcohol is injected into channels, followed by air to assist in drying
6. Air Purge Phase - air is purged through channels to aid in drying
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**MAINTENANCE**

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