



IN-SERVICE GUIDE DSD EDGE



FOR FACILITY USE ONLY

Staff Name: _____

Training Date: _____

Trainer: _____

INTENDED USE AND GUIDELINES

Intended Use

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| 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

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| 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

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| 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

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| 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

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| 1. Detergent and Alcohol loading to fill line | |
| 2. Replacing Rapicide PA Part A and Part B containers | |

OPERATOR CONTROLS

Control Panel

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| 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

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| 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

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| 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

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| 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

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| 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

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| 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 | |

SYSTEM OPERATION

Run the Reprocessing Cycle

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| 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

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| 1. Test Rapiocide 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 hookup 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

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| 1. Close incoming water line | |
| 2. Sanitize upper basins and basin lids with an EPA-registered sanitizer | |

MAINTENANCE

Daily Maintenance

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| 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

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| 1. Lubricate leak tester hook up O-ring with silicone oil (if applicable) | |
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Monthly

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

Three Months

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

Six Months

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| 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

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

Medivators Website “Resource Center”

Go to: www.minntech.com/medivators, Select “Resource Center” and “User Library” for detailed user guides and hook up matrices, report forms and logs, and product bulletins

Medivators Customer and Technical Support Toll Free: Phone: 1-800-444-4729 • FAX: 1-866-421-7696