

Cleaning and disinfection recommendations

Philips IntelliVue monitoring products and reusable accessories

Cleaning recommendations

- 1. Before cleaning, visually inspect the monitor for moderate to severe soiling.** If the monitor is severely soiled, use swabs to clear soil before cleaning.
- 2. Prepare an enzymatic detergent solution** (using for example, Prolystica® Manual 2X Enzymatic Presoak and Cleaner, Cidezyme® or Enzol®) per the instructions provided by the cleaning agent manufacturer.
- 3. Using non-linting wipe(s) wetted (but not dripping) with the prepared detergent solution, thoroughly wipe the exterior surfaces of the device for a minimum of one (1) minute (for monitors), and three (3) minutes (for accessories) until visibly clean.** Pay attention to irregular surfaces such as seams and ridges.
- 4. Remove the cleaner residue** by wiping the device surfaces a minimum of one (1) time with non-linting wipe(s) wetted (but not dripping) with tap water.
- 5. Thoroughly dry the device** using non-linting wipe(s).
- 6. Inspect the device in a well-lit area** to ensure all surfaces are clean.

Disinfection recommendations

- 1. Clean the equipment before disinfection.**
- 2. Thoroughly wipe all exterior surfaces of the device using non-linting wipe(s) wetted (but not dripping) with 70% Isopropyl Alcohol (IPA).** Note that in case of an epidemic the disinfectants requested by the local authorities should be used for the duration of the epidemic.
- 3. The disinfectants listed on the back of this guide were tested for material compatibility during product development.** Philips IntelliVue patient monitors are made of damage resistant materials and designed for easy cleaning and disinfection. **Philips recommends using one of the agents/ disinfectants listed in the table.** These contain the most common ingredients and have been tested by Philips for compatibility. They have not, however, been validated for efficacy.
- 4. Allow all surfaces to remain visibly wet for a minimum of ten (10) minutes.** If needed, use additional wipes to ensure the surfaces remain wet for the full duration.
- 5. Thoroughly dry the device** using non-linting wipe(s).

General precautions

- 1. Do not mix disinfecting solutions** (such as bleach and ammonia) as hazardous gases may result.
- 2. Always dilute cleaning agents according to the manufacturer's instructions** or use lowest possible concentration. Higher concentrations may affect the lifetime of the device.
- 3. Take extra care when cleaning the screen** of the monitor because it is more sensitive to rough cleaning methods than the housing.
- 4. Do not permit any liquid to enter the monitor case** and do not pour liquid onto the monitor while cleaning. Do not allow water or cleaning solution to enter the measurement connectors. Wipe around, not over, connector sockets.
- 5. Never use abrasive material** (such as steel wool or silver polish).
- 6. Avoid cleaning or disinfecting while the equipment is in operation** or in direct sunlight.
- 7. Be aware that long term use of high-level disinfectants can cause damage to the device.**
- 8. After cleaning and disinfection, check the equipment carefully.** Do not use if you see signs of deterioration or damage.

#	Disinfectant	Manufacturer	IntelliVue MX750 (866470), MX850 (866471), FMX-4 (866468)	IntelliVue MMX (867030), X3 (867030), MX100 (867033), Measurement Extensions (867039, 867040, 867041)	IntelliVue MX400 (866060), MX450 (866062), MX500 (866064), MX550 (866066), MX700 (865241), MX800 (866240)		IntelliVue Plug-In Measurement Modules, MMS (M3001A), X2 (M3002A), and previous generation Measurement Extensions (M3012A, M3014A, M3015A, M3015B)	IntelliVue MX40 (863350, 865351, 865352)
					Disinfectants for standard use	Disinfectants for monitor front		
1	Bacillol® 30	BODE Chemie GmbH	●	●	●	●	●	
2	Caviwipes	Metrex	●					
3	Clinell Universal Sanitizing Wipes	Gama Healthcare	●					
4	Descogen® Liquid r.f.u	Antiseptica Dr. Hans-Joachim Molitor GmbH	●	●	●	●	●	●
5	DESCOSEPT pur	Dr. Schumacher GmbH	●	●	●	●	●	●
6	Dismozon® plus, 0.4%	BODE Chemie GmbH		●	●	●	●	●
7	Hydrogen Peroxide, 3%	---	●	●	●	●	●	●
8	Incidin Active	Ecolab Inc.	●					
9	Incidin® Foam	Ecolab Inc.		●	●	●	●	
10	Incidin® Plus 0,5%	Ecolab Inc.		●		●		
11	Isopropanol, 80%	---	●	●	●	●	●	●
12	Lysoformin®, 6%	Lysoform Dr. Hans Rosemann GmbH		●	●	●	●	●
13	Meliseptol®	B. Braun Melsungen AG		●	●	●	●	●
14	Mikrozid® PAA Wipes	Schülke & Mayr GmbH		●	●	●	●	
15	Mikrozid® Sensitive Wipes	Schülke & Mayr GmbH	●	●	●	●	●	
16	Oxivir® Tb Cleaner Disinfectant	Diversey Inc.	●	●	●	●	●	●
17	Rapid multi enzyme (3M)	3M	●					
18	Sani-Cloth® AF3	PDI Inc.		●		●		
19	Sani-Cloth® Bleach	PDI Inc.		●		●		●
20	Super Sani-Cloth® Germicidal Disposable Wipes	PDI Inc.	●	●	●	●	●	●
21	Sani-Cloth® PLUS Germicidal Disposable Wipes	PDI Inc.		●	●	●	●	●
22	Sodium Hypochlorite, bleach, 1%	---	●	●	●	●	●	●
23	Virex tb Disinfectant Cleaner	Diversey Inc.		●				

