

Disinfecting the DR Systems and DR Detectors

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Disinfecting

**WARNING:**

To disinfect the device, use only disinfectants and disinfection methods that are approved by Agfa and that correspond to the national regulation and guidelines as well as explosion protection.

If you plan to use other disinfectants, approval of Agfa is needed before use, as most disinfectants can damage the device. UV disinfection is also not allowed.

Perform the procedure following the instructions for use, the disposal instructions and the safety instructions of the selected disinfectants and tools and of the hospital.

Items contaminated with blood or body fluids, which may contain blood-borne pathogens, should be cleaned and then receive intermediate level disinfection with a product having an EPA-registered claim for activity against hepatitis B.

Cleaning

Cleaning instructions are part of the user documentation of each system. This document contains cleaning instructions for some generic system components.

Safety directions for disinfection

**WARNING:**

When the equipment is going to be cleaned, be sure to turn OFF the power of each device, and to unplug the power cord from the AC outlet. Otherwise, it may result in fire or electric shock.

**WARNING:**

Do not pour liquid directly on the equipment. Always use a clean, low-linting cloth dampened (not dripping) with the solution.

**WARNING:**

Use in well-ventilated areas.

**WARNING:**

Do follow the instructions of use as provided with the cleaning or disinfection product.

**WARNING:**

Consult the manufacturer's Material Safety Data Sheets (MSDS) and recommendations on the product label for additional information prior to use.

**CAUTION:**

Clean the equipment with only a little moisture. Do not spray disinfectants or detergents directly on the equipment. Do not pour liquid directly on the equipment.

**CAUTION:**

Be sure that all surfaces are thoroughly dry before returning the equipment to use.

**CAUTION:**

Make sure that the equipment is properly decontaminated and disinfected before shipment or servicing.

Approved disinfectants for DR 100e systems

Following disinfectants have been found compatible and can be used on the outer surface of the DR 100e system:

- **70% isopropyl alcohol**
- **Acrylan®**
(Acrylan is a trademark of ANTISEPTICA chem.-pharm. Produkte GmbH)
- **Alcavis Bleach-Wipe 1:10**
(Alcavis is a trademark of Angelini Pharma inc.)
- **Bacillocid® Special**
(Bacillocid is a trademark of Raman & Well PVT. LTD.)
- **Bacillol 30 Tissues**
Bacillol AF
(Bacillol is a trademark of BODE Chemie GmbH)
- **CALTECH DISPATCH**
(Clorox Healthcare is a trademark of The Clorox Company) (Canada)
- **CaviWipes®**
CaviWipes® AF
(CaviWipes® is a trademark of Metrex®)
- **Certainty™ Plus Disinfectant Wipes**
(Certainty™ is a trademark of Certainty Brands™)
- **CLEANISEPT® WIPES**
(Cleanisept is a trademark of Dr. Schumacher GmbH)
- **Clinell® Clorox Wipes**
(Clinell is a trademark of GAMA Healthcare Ltd) (UK and Ireland)
- **Clorox Healthcare® Bleach Germicidal Wipes**
Clorox Healthcare® Professional Disinfecting Bleach Wipes
(Clorox Healthcare is a trademark of The Clorox Company) (Canada)
- **COMPLETE 6000 WIPES**
(by WOOD WYANT inc.)
- **Kohrsolin® extra**
Kohrsolin® FF
(Kohrsolin is a trademark of BODE Chemie GmbH)
- **Lysoformin® 3000**
(Lysoformin is a trademark of Lysoform)

- **Meliseptol® rapid**
(Meliseptol is a trademark of B. Braun Melsungen AG)
- **Mikrobac® Tissues**
(Mikrobac is a trademark of BODE Chemie GmbH)
- **mikrozid® AF wipes**
mikrozid® sensitive wipes
mikrozid® universal wipes green line
(mikrozid is a trademark of Schülke&Mayr GmbH)
- **PDI Alcohol Prep Pad**
(PDI is a trademark of PDI®)
- **Sani-Cloth® Active wipes**
Sani-Cloth® AF3 wipes
Sani-Cloth® Bleach Germicidal Disposable Wipe
Sani-Cloth® Chlor
Sani-Cloth® HB wipes
Sani-Cloth® Plus wipes
Super Sani-Cloth® wipes
(Sani-Cloth is a trademark of PDI®)
- **SUPER HDQ® L 10**
(SUPER HDQ L 10 is a trademark of Spartan®)
- **Tuffie Disinfectant Wipes**
(Tuffie Disinfectant Wipes is a trademark of Vernacare)
- **Viraguard®**
(Viraguard is a trademark of Veridien)
- **Virex®**
(Virex is a trademark of Diversey® Johnson)

Approved disinfectants for DR 100s systems

Following disinfectants have been found compatible and can be used on the outer surface of the DR 100s system:

- **70% isopropyl alcohol**
- **Alcohol Prep Pads**
(Alcohol Prep Pads is a trademark of PDI®)
- **Bacillocid® Special**
(Bacillocid is a trademark of Raman & Well PVT. LTD.)
- **Bacillol AF**
(Bacillol is a trademark of BODE Chemie GmbH)
- **CaviWipes®**
CaviWipes® AF
(CaviWipes® is a trademark of Metrex®)
- **CLEANISEPT® WIPES**
(Cleanisept is a trademark of Dr. Schumacher GmbH)
- **DENTIRO® Light**
(DENTIRO is a trademark of Oro Clean Chemie AG)
- **Kohrsolin® extra**
Kohrsolin® FF
(Kohrsolin is a trademark of BODE Chemie GmbH)
- **Lysoformin® 3000**
(Lysoformin is a trademark of Lysoform)
- **Meliseptol® rapid**
(Meliseptol is a trademark of B. Braun Melsungen AG)
- **Mikrobac® Tissues**
(Mikrobac is a trademark of BODE Chemie GmbH)
- **mikrozid® AF wipes**
mikrozid® sensitive wipes
mikrozid® universal wipes green line
(mikrozid is a trademark of Schülke&Mayr GmbH)
- **Sani-Cloth® AF3 wipes**
Sani-Cloth® HB wipes
Sani-Cloth® Plus wipes
Super Sani-Cloth® wipes

(Sani-Cloth is a trademark of PDI®)

- **SUPER HDQ® L 10**

(SUPER HDQ L 10 is a trademark of Spartan®)

- **Tuffie Disinfectant Wipes**

(Tuffie Disinfectant Wipes is a trademark of Vernacare)

- **Viraguard®**

(Viraguard is a trademark of Veridien)

- **Virex®**

(Virex is a trademark of Diversey® Johnson)

Approved disinfectants for DR 400 and DR 600 systems

Following disinfectants have been found compatible and can be used on the outer surface of the DR 400 and DR 600 systems:

- **Alcavis Bleach-Wipe 1:10**
(Alcavis is a trademark of Angelini Pharma inc.)
- **CALTECH DISPATCH**
(Clorox Healthcare is a trademark of The Clorox Company) (Canada)
- **Certainty™ Plus Disinfectant Wipes**
(Certainty™ is a trademark of Certainty Brands™)
- **Clinell® Clorox Wipes**
(Clinell is a trademark of GAMA Healthcare Ltd) (UK and Ireland)
- **Clorox Healthcare® Bleach Germicidal Wipes**
Clorox Healthcare® Professional Disinfecting Bleach Wipes
(Clorox Healthcare is a trademark of The Clorox Company) (Canada)
- **COMPLETE 6000 WIPES**
(by WOOD WYANT inc.)
- **Incidin® Plus**
(Incidin is a trademark of Ecolab Inc.)
- **mikrozid® sensitive wipes**
(mikrozid is a trademark of Schülke&Mayr GmbH)
- **perform®**
(perform is a trademark of Schülke&Mayr GmbH)
- **Sani-Cloth® Bleach Germicidal Disposable Wipes**
Sani-Cloth® Chlor
Sani-Cloth® HB wipes
Sani-Cloth® AF3 wipes
Super Sani-Cloth® Germicidal Disposable Wipes
(Sani-Cloth is a trademark of PDI®)

Following disinfectants have been found compatible and can be used on the outer surface of the DR 400 and DR 600 systems, but they may cause the AGFA logo to detach and they may cause slight discoloring of the surfaces on which they are applied:

- **Acrylan®**
(Acrylan is a trademark of ANTISEPTICA chem.-pharm. Produkte GmbH)

- **CLEANISEPT® WIPES**

(Cleanisept is a trademark of Dr. Schumacher GmbH)

- **Dismozon® pur steril**

(Dismozon is a trademark of BODE CHEMIE GmbH & CO.)

- **Incidin® OxyWipe S**

Incidin® OxyWipe

Incidin® OxyFoam S

Incidin® OxyFoam

Incidin® OxyFoam S and Incidin® OxyFoam should be applied on a disposable cloth. Do not spray the disinfectants directly on the equipment.

(Incidin is a trademark of Ecolab Inc.)

- **Lysoformin® 3000**

(Lysoformin is a trademark of Lysoform)

- **Mikrobac® Tissues**

(Mikrobac is a trademark of BODE Chemie GmbH)

- **mikrozid® AF wipes**

mikrozid® universal wipes green line

(mikrozid is a trademark of Schülke&Mayr GmbH)

- **SteriMax® Sporicide Wipes**

SteriMax® Wipes

(SteriMax is a trademark of Aseptix Research BV)

- **Terralin® protect**

(Terralin is a trademark of Schülke & Mayr GmbH)

Approved disinfectants for DR 800 system

Following disinfectants have been found compatible and can be used on the outer surface of the DR 800 system:



CAUTION:

Disinfectants based on phenolics, chlorine-containing compounds and hydrogen peroxide are partially aggressive and should not be used. The same limitations apply to agents which have a high alcohol content (>70 weight percent, e.g. for disinfection of hands).

- Aqueous disinfectants based on quaternary ammonium compounds and/or aldehyde, with alcohol levels <70%.
- **Acrylan®**
(Acrylan is a trademark of ANTISEPTICA chem.-pharm. Produkte GmbH)
- **Bacillocid® Special**
(Bacillocid is a trademark of Raman & Well PVT. LTD.)
- **Bacillol AF**
(Bacillol is a trademark of BODE Chemie GmbH)
- **CaviWipes®**
(CaviWipes® is a trademark of Metrex®)
- **Certainty™ Plus Disinfectant Wipes**
(Certainty™ is a trademark of Certainty Brands™)
- **CLEANISEPT® WIPES**
(Cleanisept is a trademark of Dr. Schumacher GmbH)
- **Clinell® Universal Wipes**
(Clinell is a trademark of GAMA Healthcare Ltd)
- **DENTIRO® Light**
(DENTIRO is a trademark of Oro Clean Chemie AG)
- **Germi RIO® Pronto Uso**
(Germi RIO is a trademark of Rioquímica®)
- **hx2™**
(hx2 is a trademark of maxill® inc.)
- **Indagerm B+Q**
Indagerm B+Q Max
(Indagerm is a trademark of Indalabor Indaiá Laboratório Farmacêutico LTDA.)
- **Kohrsolin® FF**
(Kohrsolin is a trademark of BODE Chemie GmbH)

- **Lysoformin® 3000**
(Lysoformin is a trademark of Lysoform)
- **Meliseptol® rapid**
(Meliseptol is a trademark of B. Braun Melsungen AG)
- **Microbac® Tissues**
(Microbac is a trademark of BODE CHEMIE GmbH & CO.)
- **mikrozid® AF wipes**
mikrozid® sensitive wipes
mikrozid® universal wipes green line
(mikrozid is a trademark of Schülke&Mayr GmbH)
- **PDI Alcohol Prep Pad**
(PDI is a trademark of PDI®)
- **Sani-Cloth® AF3 wipes**
Sani-Cloth® HB wipes
Sani-Cloth® Plus wipes
Super Sani-Cloth® Germicidal Disposable Wipes
(Sani-Cloth is a trademark of PDI®)
- **Tego 103 G**
- **Terralin® protect**
(Terralin is a trademark of Schülke & Mayr GmbH)
- **Tuffie Disinfectant Wipes**
(Tuffie Disinfectant Wipes is a trademark of Vernacare)
- **Viraguard®**
(Viraguard is a trademark of Veridien)
- **Wip'Anios Excel**
(Wip'anios is a trademark of Anios®)

Approved disinfectants for DX-D Systems

Following disinfectants have been found compatible and can be used on the outer surface of the DX-D Systems:

- **Ethanol 70%**
- **70% isopropyl alcohol**
- **Alkyl dimethyl benzyl ammonium chloride 0.036% in hydroalcoholic solution.**
- **Acrylan®**
(Acrylan is a trademark of ANTISEPTICA chem.-pharm. Produkte GmbH)
- **Alcavis Bleach-Wipe 1:10**
(Alcavis is a trademark of Angelini Pharma inc.)
- **Bacillocid® Special**
(Bacillocid is a trademark of Raman & Well PVT. LTD.)
- **Bacillol AF**
(Bacillol is a trademark of BODE Chemie GmbH)
- **CALTECH DISPATCH**
(Clorox Healthcare is a trademark of The Clorox Company) (Canada)
- **Certainty™ Plus Disinfectant Wipes**
(Certainty™ is a trademark of Certainty Brands™)
- **CLEANISEPT® WIPES**
(Cleanisept is a trademark of Dr. Schumacher GmbH)
- **Clinell® Clorox Wipes**
Clinell® Universal Wipes
(Clinell is a trademark of GAMA Healthcare Ltd)
- **Clorox Healthcare® Bleach Germicidal Wipes**
Clorox Healthcare® Professional Disinfecting Bleach Wipes
(Clorox Healthcare is a trademark of The Clorox Company) (Canada)
- **COMPLETE 6000 WIPES**
(by WOOD WYANT inc.)
- **DENTIRO® Light**
(DENTIRO is a trademark of Oro Clean Chemie AG)
- **Germi RIO® Pronto Uso**
(Germi RIO is a trademark of Rioquímica®)
- **Indagerm B+Q**
Indagerm B+Q Max

(Indagerm is a trademark of Indalabor Indaiá Laboratório Farmacêutico LTDA.)

- **Lysoformin® 3000**

(Lysoformin is a trademark of Lysoform)

- **Mikrobac® Tissues**

(Mikrobac is a trademark of BODE Chemie GmbH)

- **mikrozid® AF wipes**

mikrozid® sensitive wipes

mikrozid® universal wipes green line

(mikrozid is a trademark of Schülke&Mayr GmbH)

- **PDI Alcohol Prep Pad**

(PDI is a trademark of PDI®)

- **Sani-Cloth® Active wipes**

Sani-Cloth® AF3 wipes

Sani-Cloth® Bleach wipes

Sani-Cloth® Chlor

(Sani-Cloth is a trademark of PDI®)

- **Tuffie Disinfectant Wipes**

(Tuffie Disinfectant Wipes is a trademark of Vernacare)

- **Viraguard®**

(Viraguard is a trademark of Veridien)

Approved disinfectants for Valory Systems

Following disinfectants have been found compatible and can be used on the outer surface of the Valory Systems:

- **Ethanol 70%**
- **Accel® TB Wipes**
Accel® TB Liquid
Accel Intervention Wipes
Accel Intervention RTU
(Accel is a trademark of Virox Technologies Inc.)
- **Acrylan®**
(Acrylan is a trademark of ANTISEPTICA chem.-pharm. Produkte GmbH)
- **Alcavis Bleach-Wipe 1:10**
(Alcavis is a trademark of Angelini Pharma inc.)
- **Bacillocid® Special**
(Bacillocid is a trademark of Raman & Well PVT. LTD.)
- **Bacillo1® AF**
Bacillo1® PLUS
(Bacillo1 is a trademark of BODE Chemie GmbH)
- **CALTECH DISPATCH**
(Clorox Healthcare is a trademark of The Clorox Company) (Canada)
- **CaviWipes®**
CaviWipes® AF
(CaviWipes® is a trademark of Metrex®)
- **CLEANISEPT® WIPES**
(Cleanisept is a trademark of Dr. Schumacher GmbH)
- **Clinell® Clorox Wipes**
Clinell® Sporicidal Wipes
(Clinell is a trademark of GAMA Healthcare Ltd)
- **Clorox Healthcare® Bleach Germicidal Wipes**
Clorox Healthcare® Professional Disinfecting Bleach Wipes
(Clorox Healthcare is a trademark of The Clorox Company) (Canada)
- **COMPLETE 6000 WIPES**
(by WOOD WYANT inc.)

- **DENTIRO® Light**

DENTIRO® Zero

(DENTIRO is a trademark of Oro Clean Chemie AG)

- **Dismozon® pur steril**

(Dismozon is a trademark of BODE CHEMIE GmbH & CO.)

- **Germi RIO® Pronto Uso**

(Germi RIO is a trademark of Rioquímica®)

- **Incidin® OxyWipe S**

Incidin® OxyWipe

Incidin® OxyFoam S

Incidin® OxyFoam

Incidin® OxyFoam S and Incidin® OxyFoam should be applied on a disposable cloth. Do not spray the disinfectants directly on the equipment.

(Incidin is a trademark of Ecolab Inc.)

- **Indagerm B+Q**

Indagerm B+Q Max

(Indagerm is a trademark of Indalabor Indaiá Laboratório Farmacêutico LTDA.)

- **Kohrsolin® extra**

Kohrsolin® FF

(Kohrsolin is a trademark of BODE Chemie GmbH)

- **Lysoformin® 3000**

(Lysoformin is a trademark of Lysoform)

- **Meliseptol® rapid**

Meliseptol® sensitive

(Meliseptol is a trademark of B. Braun Melsungen AG)

- **Microbac® Tissues**

(Microbac is a trademark of BODE CHEMIE GmbH & CO.)

- **mikrozid® AF wipes**

mikrozid® sensitive wipes

mikrozid® universal wipes green line

(mikrozid is a trademark of Schülke&Mayr GmbH)

- **Optigerm®**

(Optigerm is a trademark of General Clean - Soluções Profissionais para Limpeza)

- **Optim 33 TB Wipes**

(Optim is a registered trademark of SciCan Ltd.)

- **OXIVIR® TB**
(OXIVIR is a registered trademark of DIVERSEY, INC.)
- **perform®**
(perform is a trademark of Schülke&Mayr GmbH)
- **PREempt™ (Canada)**
PREempt™ (Canada)
(PREempt is a trademark of Virox Technologies Inc.)
- **Rely+ON™ Virkon® Powder**
(Rely+ON Virkon is a trademark of DuPont™)
- **Sani-Cloth® Active wipes**
Sani-Cloth® AF3 wipes
Sani-Cloth® Bleach Germicidal Disposable Wipe
Sani-Cloth® Chlor
Sani-Cloth® HB wipes
Sani-Cloth® Plus wipes
Super Sani-Cloth® Germicidal Disposable Wipes
(Sani-Cloth is a trademark of PDI®)
- **SteriMax® Sporicide Wipes**
Sterimax® Wipes
(SteriMax is a trademark of Aseptix Research BV)
- **SUPER HDQ® L 10**
(SUPER HDQ L 10 is a trademark of Spartan®)
- **SURFA'SAFE**
(SURFA'SAFE is a trademark of LABORATOIRES ANIOS)
- **Terralin® protect**
(Terralin is a trademark of Schülke & Mayr GmbH)
- **UltraSan Aseptix**
UltraSan Ultra Rapid Aseptix
(UltraSan is a trademark of Aseptix Health Sciences BV)
- **Wip'Anios**
Wip'Anios Excel
(Wip'anios is a trademark of Anios®)

Do NOT use the following disinfectants. If any of the following disinfectants are applied, the equipment performance and safety cannot be guaranteed.

- Disinfectants that corrode metals, plastics, rubber, or paint
- Disinfectants unsuitable for metals, plastics, rubber, or paint

- Spray-gas type disinfectants
- Volatile disinfectants
- Disinfectants that may enter the equipment

Do NOT use an organic solvent. Organic solvents may change the surface color. If an organic solvent adheres to the surface, wipe it out immediately.

Approved disinfectants for the Full Leg Full Spine DR Retrofit system

Following disinfectants have been found compatible and can be used on the outer surface of the components of the Full Leg Full Spine DR Retrofit system:

- **Certainty™ Plus Disinfectant Wipes**
(Certainty™ is a trademark of Certainty Brands™)
- **Incidin® Plus**
(Incidin is a trademark of Ecolab Inc.)
- **mikrozid® sensitive wipes**
(mikrozid is a trademark of Schülke&Mayr GmbH)
- **Sani-Cloth® HB wipes**
Sani-Cloth® AF3 wipes
Super Sani-Cloth® Germicidal Disposable Wipes
(Sani-Cloth is a trademark of PDI®)

Following disinfectants have been found compatible and can be used on the outer surface of the components of the Full Leg Full Spine DR Retrofit system, but they may cause the AGFA logo to detach and they may cause slight discoloring of the surfaces on which they are applied:

- **Acrylan®**
(Acrylan is a trademark of ANTISEPTICA chem.-pharm. Produkte GmbH)
- **CLEANISEPT® WIPES**
(Cleanisept is a trademark of Dr. Schumacher GmbH)
- **Lysoformin® 3000**
(Lysoformin is a trademark of Lysoform)
- **Mikrobac® Tissues**
(Mikrobac is a trademark of BODE Chemie GmbH)
- **mikrozid® AF wipes**
mikrozid® universal wipes green line
(mikrozid is a trademark of Schülke&Mayr GmbH)
- **Terralin® protect**
(Terralin is a trademark of Schülke & Mayr GmbH)



Note: Disinfectants containing bleach or peroxide are corrosive for metal parts.

Approved disinfectants for the EASYLIFT and CR Full Body Cassette Holder

Following disinfectants have been found compatible and can be used on the outer surface of the EASYLIFT and CR Full Body Cassette Holder:

- **Incidin® Plus**
(Incidin is a trademark of Ecolab Inc.)
- **mikrozyd® sensitive wipes**
(mikrozyd is a trademark of Schülke&Mayr GmbH)
- **perform®**
(perform is a trademark of Schülke&Mayr GmbH)
- **Sani-Cloth® Bleach Germicidal Disposable Wipes**
Sani-Cloth® HB wipes
Sani-Cloth® AF3 wipes
Super Sani-Cloth® Germicidal Disposable Wipes
(Sani-Cloth is a trademark of PDI®)

Following disinfectants have been found compatible and can be used on the outer surface of the EASYLIFT and CR Full Body Cassette Holder, but they may cause the AGFA logo to detach and they may cause slight discoloring of the surfaces on which they are applied:

- **Acrylan®**
(Acrylan is a trademark of ANTISEPTICA chem.-pharm. Produkte GmbH)
- **CLEANISEPT® WIPES**
(Cleanisept is a trademark of Dr. Schumacher GmbH)
- **Dismozon® pur steril**
(Dismozon is a trademark of BODE CHEMIE GmbH & CO.)
- **Incidin® OxyWipe S**
Incidin® OxyWipe
Incidin® OxyFoam S
Incidin® OxyFoam
Incidin® OxyFoam S and Incidin® OxyFoam should be applied on a disposable cloth. Do not spray the disinfectants directly on the equipment.
(Incidin is a trademark of Ecolab Inc.)
- **Lysoformin® 3000**
(Lysoformin is a trademark of Lysoform)

- **Mikrobac® Tissues**

(Mikrobac is a trademark of BODE Chemie GmbH)

- **mikrozid® AF wipes**

(mikrozid is a trademark of Schülke&Mayr GmbH)

- **SteriMax® Sporicide Wipes**

SteriMax® Wipes

(SteriMax is a trademark of Aseptix Research BV)

- **Terralin® protect**

(Terralin is a trademark of Schülke & Mayr GmbH)

Approved disinfectants for DR 10s and DR 14s

Following disinfectants have been found compatible and can be used on the outer surface of the DR 10s and DR 14s DR Detectors:

- **Accel® TB Wipes**

Accel® TB Liquid

Accel Intervention Wipes

Accel Intervention RTU

(Accel is a trademark of Virox Technologies Inc.)

- **Acrylan®**

(Acrylan is a trademark of ANTISEPTICA chem.-pharm. Produkte GmbH)

- **Alcavis Bleach-Wipe 1:10**

(Alcavis is a trademark of Angelini Pharma inc.)

- **Bacillocid® Special**

(Bacillocid is a trademark of Raman & Well PVT. LTD.)

- **Bacillol 30 Tissues**

Bacillol AF

Bacillol Plus

(Bacillol is a trademark of BODE Chemie GmbH)

- **BLI-DES® SurfaceDisinfection Wipes**

(BLI-DES is a trademark of Medi-Inn Ltd)

- **CALTECH DISPATCH**

(Clorox Healthcare is a trademark of The Clorox Company) (Canada)

- **CaviWipes® AF**

(CaviWipes® is a trademark of Metrex®)

- **Certainty™ Plus Disinfectant Wipes**

(Certainty™ is a trademark of Certainty Brands™)

- **CaviWipes®**

(CaviWipes® is a trademark of Metrex®)

- **CLEANISEPT® WIPES**

(Cleanisept is a trademark of Dr. Schumacher GmbH)

- **Clinell® Clorox Wipes**

(Clinell is a trademark of GAMA Healthcare Ltd) (UK and Ireland)

- **Clorox Healthcare® Bleach Germicidal Wipes**

Clorox Healthcare® Professional Disinfecting Bleach Wipes

- (Clorox Healthcare is a trademark of The Clorox Company) (Canada)
- **COMPLETE 6000 WIPES**
(by WOOD WYANT inc.)
- **Dismozon® pur steril**
(Dismozon is a trademark of BODE CHEMIE GmbH & CO.)
- **Germi RIO® Pronto Uso**
(Germi RIO is a trademark of Rioquímica®)
- **Incidin® OxyWipe S**
Incidin® OxyWipe
Incidin® OxyFoam S
Incidin® OxyFoam
Incidin® OxyFoam S and Incidin® OxyFoam should be applied on a disposable cloth. Do not spray the disinfectants directly on the equipment.
(Incidin is a trademark of Ecolab Inc.)
- **Indagerm B+Q**
Indagerm B+Q Max
(Indagerm is a trademark of Indalabor Indaiá Laboratório Farmacêutico LTDA.)
- **Lysoformin® 3000**
(Lysoformin is a trademark of Lysoform)
- **Meliseptol® rapid**
(Meliseptol is a trademark of B. Braun Melsungen AG)
- **Mikrobac® Tissues**
(Mikrobac is a trademark of BODE Chemie GmbH)
- **mikrozid® AF wipes**
mikrozid® sensitive wipes
mikrozid® universal wipes green line
(mikrozid is a trademark of Schülke&Mayr GmbH)
- **Optigerm®**
(Optigerm is a trademark of General Clean - Soluções Profissionais para Limpeza)
- **Optim 33 TB Wipes**
(Optim is a registered trademark of SciCan Ltd.)
- **OXIVIR® TB**
(OXIVIR is a registered trademark of DIVERSEY, INC.)
- **perform®**
(perform is a trademark of Schülke&Mayr GmbH)
- **PDI Alcohol Prep Pad**

(PDI is a trademark of PDI®)

- **Rely+ON™ Virkon® Powder**

(Rely+ON Virkon is a trademark of DuPont™)

- **Sani-Cloth® Active wipes**

Sani-Cloth® AF3 wipes

Sani-Cloth® Bleach Germicidal Disposable Wipes

Sani-Cloth® Chlor

Sani-Cloth® HB wipes

Sani-Cloth® Plus wipes

Super Sani-Cloth® wipes

(Sani-Cloth is a trademark of PDI®)

- **SteriMax® Sporicide Wipes**

Sterimax® Wipes

(SteriMax is a trademark of Aseptix Research BV)

- **Terralin® protect**

(Terralin is a trademark of Schülke & Mayr GmbH)

- **UltraSan Aseptix**

UltraSan Ultra Rapid Aseptix

(UltraSan is a trademark of Aseptix Health Sciences BV)

Approved disinfectants for DR 10e, DR 14e and DR 17e

Following disinfectants have been found compatible and can be used on the outer surface of the DR 10e, DR 14e and DR 17e DR Detectors:

- **Ethanol 70%**
- **Bacillo[®] AF**

Bacillo[®] PLUS

(Bacillo is a trademark of BODE Chemie GmbH)

- **DENTIRO[®] Light**

(DENTIRO is a trademark from Oro Clean Chemie AG)

- **mikro[®]id AF wipes**

mikro[®]id universal wipes green line

(mikro[®]id is a trademark of Schülke&Mayr GmbH)

- **Super Sani-Cloth[®] Germicidal Disposable Wipes**

(Sani-Cloth is a trademark of PDI[®])

Approved disinfectants for DX-D 10C, DX-D 10G, DX-D 20C and DX-D 20G

Following disinfectants have been found compatible and can be used on the outer surface of the DX-D 10C, DX-D 10G, DX-D 20C and DX-D 20G DR Detectors:

- **Accel® TB Wipes**
(Accel is a trademark of Virox Technologies Inc.)
- **Alcavis Bleach-Wipe 1:10**
(Alcavis is a trademark of Angelini Pharma inc.)
- **Certainty™ Plus Disinfectant Wipes**
(Certainty™ is a trademark of Certainty Brands™)
- **Clinell® 2% Chlorhexidine in 70% Alcohol**
Clinell® Clorox Wipes
(Clinell is a trademark of GAMA Healthcare Ltd) (UK and Ireland)
- **Clorox Healthcare® Bleach Germicidal Wipes**
(Clorox Healthcare is a trademark of The Clorox Company) (US)
- **Clorox Healthcare® Professional Disinfecting Bleach Wipes**
(Clorox Healthcare is a trademark of The Clorox Company) (Canada)
- **COMPLETE 6000 WIPES**
(by WOOD WYANT inc.)
- **Dismozon® pur steril**
(Dismozon is a trademark of BODE CHEMIE GmbH & CO.)
- **Optim 33 TB Wipes**
(Optim is a registered trademark of SciCan Ltd.)
- **OXIVIR® TB**
(OXIVIR is a registered trademark of DIVERSEY, INC.)
- **Rely+ON™ Virkon® Powder**
(Rely+ON Virkon is a trademark of DuPont™)
- **Sani-Cloth® AF3 wipes**
Sani-Cloth® Bleach Germicidal Disposable Wipe
Sani-Cloth® Plus wipes
(Sani-Cloth is a trademark of PDI®)
- **SteriMax® Sporicide Wipes**
Sterimax® Wipes
(SteriMax is a trademark of Aseptix Research BV)

To prevent residue formation on the surface of the cassette, always wipe excess liquid off surfaces (once the required contact time has passed) with a clean dry or damp cloth. If residue has already formed, wipe the surface with a clean damp cloth. If residue is still visible, rewet the surface with the disinfectant. Do not allow the surface to dry.

Approved disinfectants for DX-D 30C and DX-D 35C

Following disinfectants have been found compatible and can be used on the outer surface of the DX-D 30C and DX-D 35C DR Detectors:

- **Accel® TB Wipes**
(Accel is a trademark of Virox Technologies Inc.)
- **Acrylan®**
(Acrylan is a trademark of ANTISEPTICA chem.-pharm. Produkte GmbH)
- **CaviWipes®**
(CaviWipes® is a trademark of Metrex®)
- **Certainty™ Plus Disinfectant Wipes**
(Certainty™ is a trademark of Certainty Brands™)
- **Clinell® Universal Wipes**
Clinell® Sporicidal Wipes
(Clinell is a trademark of GAMA Healthcare Ltd)
- **Dismozon® pur steril**
(Dismozon is a trademark of BODE CHEMIE GmbH & CO.)
- **Germi RIO® Pronto Uso**
(Germi RIO is a trademark of Rioquímica®)
- **Indagerm B+Q**
Indagerm B+Q Max
(Indagerm is a trademark of Indalabor Indaiá Laboratório Farmacêutico LTDA.)
- **Meliseptol® rapid**
(Meliseptol is a trademark of B. Braun Melsungen AG)
- **mikrozid® AF wipes**
mikrozid® sensitive wipes
mikrozid® universal wipes green line
(mikrozid is a trademark of Schülke&Mayr GmbH)
- **Optim 33 TB Wipes**
(Optim is a registered trademark of SciCan Ltd.)
- **OXIVIR® TB**
(OXIVIR is a registered trademark of DIVERSEY, INC.)
- **Rely+ON™ Virkon® Powder**
(Rely+ ON Virkon is a trademark of DuPont™)

- **Sani-Cloth® Active wipes**

Sani-Cloth® AF3 wipes

Sani-Cloth® HB wipes

Sani-Cloth® Plus wipes

(Sani-Cloth is a trademark of PDI®)



CAUTION:

Sani-Cloth® Plus wipes cannot be used on DX-D 30C with serial number 200364 or lower and on DX-D 35C with serial number 100077 or lower.

- **SteriMax® Sporicide Wipes**

Sterimax® Wipes

(SteriMax is a trademark of Aseptix Research BV)

- **Terralin® protect**

(Terralin is a trademark of Schülke & Mayr GmbH)



CAUTION:

Liquids ingressing the DR Detector or the battery may cause malfunction and contamination. Take special care when disinfecting the bottom side of the DR Detector near the battery bay.

Approved disinfectants for DX-D 40C, DX-D 40G, DX-D 45C, DX-D 45G, DX-D 60C and DX-D 60G

Following disinfectants have been found compatible and can be used on the outer surface of the DX-D 40C, DX-D 40G, DX-D 45C and DX-D 45G DR Detectors:

- **Disinfectants based upon quaternary ammonium salt (<1 weight percent) and/or alcohol (<75 weight percent)**
- **Ethanol 70%**
- **Isopropyl alcohol 70%**
- **Benzalkonium chloride 10%**
- **Acrylan®**
(Acrylan is a trademark of ANTISEPTICA chem.-pharm. Produkte GmbH)
- **Bacillocid® Special**
(Bacillocid is a trademark of Raman & Well PVT. LTD.)
- **Bacillol AF**
(Bacillol is a trademark of BODE Chemie GmbH)
- **CaviWipes®**
(CaviWipes® is a trademark of Metrex®)
- **Certainty™ Plus Disinfectant Wipes**
(Certainty™ is a trademark of Certainty Brands™)
- **CLEANISEPT® WIPES**
(Cleanisept is a trademark of Dr. Schumacher GmbH)
- **Clinell® Universal Wipes**
Clinell® Sporicidal Wipes
(Clinell is a trademark of GAMA Healthcare Ltd)
- **DENTIRO® Light**
(DENTIRO is a trademark of Oro Clean Chemie AG)
- **ED Wipes**
(ED Wipes is a trademark of MH healthcare Co.,. Ltd)
- **Germi RIO® Pronto Uso**
(Germi RIO is a trademark of Rioquímica®)
- **Indagerm B+Q**
Indagerm B+Q Max
(Indagerm is a trademark of Indalabor Indaiá Laboratório Farmacêutico LTDA.)

- **Lysoformin® 3000**
(Lysoformin is a trademark of Lysoform)
- **Meliseptol® rapid**
(Meliseptol is a trademark of B. Braun Melsungen AG)
- **MetriCide™ OPA Plus**
(MetriCide is a trademark of Metrex®)
- **Mikrobac® Tissues**
(Mikrobac is a trademark of BODE Chemie GmbH)
- **mikrozid® AF wipes**
mikrozid® universal wipes green line
(mikrozid is a trademark of Schülke&Mayr GmbH)
- **PDI Alcohol Prep Pad**
(PDI is a trademark of PDI®)
- **SaFecide +**
(SaFecide is a trademark of Liebecos)
- **Sani-Cloth® Active wipes**
Sani-Cloth® AF3 wipes
Sani-Cloth® Plus wipes
Super Sani-Cloth® wipes
Sani-Cloth® CHG 2%
(Sani-Cloth is a trademark of PDI®)
- **Sono® Ultrasound Wipes**
(Sono is a trademark of Advanced Ultrasound Solutions, Inc.)
- **SURFA'SAFE**
(SURFA'SAFE is a trademark of LABORATOIRES ANIOS)
- **Wip'Anios Excel**
(Wip'anios is a trademark of Anios®)



CAUTION:

Storage temperature should not be lower than 5°C or higher than 35°C.



CAUTION:

Liquids ingressing the DR Detector or the battery may cause malfunction and contamination. Take special care when disinfecting the bottom side of the DR Detector near the battery bay.

Other Disinfectant detergent compliant to conditions listed below may be used following proper procedures according to its own manual.

34 | Disinfecting the DR Systems and DR Detectors | Approved disinfectants for DX-D 40C, DX-D 40G, DX-D 45C, DX-D 45G, DX-D 60C and DX-D 60G

- European Biocidal Products designed for surface disinfection (Directive 98/8/EC).
- Detergent with composition of Didecyldimethylammonium chloride, polyhexamethylene biguanide hydrochloride.

Following products can also be used for regular cleaning of the DR Detectors:

- **CaviWipes®**

Approved disinfectants for XD 10, XD⁺10, XD 14, XD⁺14, XD 17 and XD⁺17

Following disinfectants have been found compatible and can be used on the outer surface of the XD 10 (FXRD-2530VAW), XD⁺10 (FXRD-2530VAW PLUS), XD 14 (FXRD-3643VAW), XD⁺14 (FXRD-3643VAW PLUS), XD 17 (FXRD-4343VAW) and XD⁺17 (FXRD-4343VAW PLUS) DR Detectors:

- **Disinfectants based upon quaternary ammonium salt (<1 weight percent) and/or alcohol (<75 weight percent)**
- **Ethanol 70%**
- **Isopropyl alcohol 70%**
- **Benzalkonium chloride 10%**
- **Acrylan®**

(Acrylan is a trademark of ANTISEPTICA chem.-pharm. Produkte GmbH)

- **Bacillocid® Special**

(Bacillocid is a trademark of Raman & Well PVT. LTD.)

- **Bacillol AF**

(Bacillol is a trademark of BODE Chemie GmbH)

- **CaviWipes®**

(CaviWipes® is a trademark of Metrex®)

- **Certainty™ Plus Disinfectant Wipes**

(Certainty™ is a trademark of Certainty Brands™)

- **CLEANISEPT® WIPES**

(Cleanisept is a trademark of Dr. Schumacher GmbH)

- **Clinell® Universal Wipes**

Clinell® Sporicidal Wipes

(Clinell is a trademark of GAMA Healthcare Ltd)

- **DENTIRO® Light**

(DENTIRO is a trademark of Oro Clean Chemie AG)

- **ED Wipes**

(ED Wipes is a trademark of MH healthcare Co.,. Ltd)

- **Germi RIO® Pronto Uso**

(Germi RIO is a trademark of Rioquímica®)

- **Indagerm B+Q**

Indagerm B+Q Max

(Indagerm is a trademark of Indalabor Indaiá Laboratório Farmacêutico LTDA.)

- **Lysoformin® 3000**

(Lysoformin is a trademark of Lysoform)

- **Meliseptol® rapid**

(Meliseptol is a trademark of B. Braun Melsungen AG)

- **MetriCide™ OPA Plus**

(MetriCide is a trademark of Metrex®)

- **Mikrobac® Tissues**

(Mikrobac is a trademark of BODE Chemie GmbH)

- **mikrozid® AF wipes**

mikrozid® universal wipes green line

(mikrozid is a trademark of Schülke&Mayr GmbH)

- **PDI Alcohol Prep Pad**

(PDI is a trademark of PDI®)

- **SaFecide +**

(SaFecide is a trademark of Liebecos)

- **Sani-Cloth® Active wipes**

Sani-Cloth® AF3 wipes

Sani-Cloth® Plus wipes

Super Sani-Cloth® wipes

Sani-Cloth® CHG 2%

(Sani-Cloth is a trademark of PDI®)

- **Sono® Ultrasound Wipes**

(Sono is a trademark of Advanced Ultrasound Solutions, Inc.)

- **SURFA'SAFE**

(SURFA'SAFE is a trademark of LABORATOIRES ANIOS)

- **Wip'Anios Excel**

(Wip'anios is a trademark of Anios®)



CAUTION:

Storage temperature should not be lower than 5°C or higher than 35°C.



CAUTION:

Liquids ingressing the DR Detector or the battery may cause malfunction and contamination. Take special care when disinfecting the bottom side of the DR Detector near the battery bay.

Other Disinfectant detergent compliant to conditions listed below may be used following proper procedures according to its own manual.

- European Biocidal Products designed for surface disinfection (Directive 98/8/EC).
- Detergent with composition of Didecyldimethylammonium chloride, polyhexamethylene biguanide hydrochloride.

Following products can also be used for regular cleaning of the DR Detectors:

- **CaviWipes®**

Use of protective plastic envelope

If the DR Detector is used in an environment where disinfection is required or where it may get into contact with blood or other body fluids, use plastic envelopes to protect the DR Detector from direct patient contact. Make sure that the plastic envelope is not wrinkled to avoid the creases showing in the image.

Approved disinfectants for BARCO monitor or touchscreen

Following disinfectants have been found compatible and can be used on the outer surface of the BARCO monitor or touchscreen:

- **Ethanol 70%**
- **0.5% Chlorehexidine in 70% Ethanol**
- **250 ppm Chlorine solution**
- **CIDEX® Activated Glutaraldehyde Solution**

(CIDEX is a trademark of Johnson and Johnson)

- **Haemo-sol®, 1% in water**

(Haemo-sol is a trademark of HAEMO-SOL INTERNATIONAL, LLC.)

- **Bacillol® AF**

(Bacillol is a trademark of BODE Chemie GmbH)

Approved disinfectants for DELL monitor or touchscreen

Following disinfectants have been found compatible and can be used on the outer surface of the DELL monitor or touchscreen:

- Isopropyl alcohol 70%

Approved disinfectants for HP monitor or touchscreen

Following disinfectants have been found compatible and can be used on the outer surface of the HP monitor or touchscreen:

- **Isopropyl alcohol 70%**

Approved disinfectants for barcode reader CS6080

Following disinfectants have been found compatible and can be used on the outer surface of the CS6080 barcode reader and of the CS6080 cradle, except those marked with (*), which cannot be used on the cradle.

- Isopropyl alcohol 70%
- 10% bleach (sodium hypochlorite 0.55%) and water solution (*)
- 3% hydrogen peroxide and 97% water solution
- 91% isopropyl alcohol and 9% water solution
- **Azowipe®**

Azowipe is a trademark of Vernacare Ltd.

- **CaviCide®**

CaviCide1®

CaviWipes®

CaviWipes1®

(CaviCide, CaviCide1, CaviWipes and CaviWipes1 are trademarks of Metrex®)

- **Dispatch® Hospital Cleaner Disinfectant Towels with Bleach (*)**

(Dispatch is a trademark of The Clorox Company) (Canada)

- **Clorox Formula 409® Glass & Surface Cleaner**

(Formula 409 is a trademark of The Clorox Company) (Canada)

- **Clorox Healthcare® Bleach Germicidal Wipes (*)**

Clorox Healthcare® Hydrogen Peroxide Cleaner Disinfectant Wipes

Clorox Healthcare® Multi-Surface Quat Alcohol Wipes

(Clorox Healthcare is a trademark of The Clorox Company) (Canada)

- **D10 Concentrate Detergent Sanitizer**

Dimension 256 Neutral Disinfectant Cleaner

(D10 and Dimension 256 are trademarks of DIVERSEY, INC.)

- **medipal® alcohol disinfectant wipes**

(medipal is a trademark of Pal International®)

- **OXIVIR® TB**

(OXIVIR is a registered trademark of DIVERSEY, INC.)

- **PDI Easy Screen® Cleaning Wipe**

(Easy Screen is a trademark of PDI®)

- **Sani-Cloth® AF3 wipes**

Sani-Cloth® Bleach Germicidal Disposable Wipe (*)

Sani-Cloth® HB wipes

Sani-Cloth® Plus wipes

Super Sani-Cloth® Germicidal Disposable Wipes

(Sani-Cloth is a trademark of PDI®)

- **PDI® Sani-Hands® Instant Hand Sanitizing Wipes**

(Sani-Hands is a trademark of PDI®)

- **Sani Professional® Disinfecting Multi-Surface Wipes**

(Sani Professional is a trademark of PDI®)

- **Sterets Alcowipe®**

(Sterets Alcowipe is a trademark of Mölnlycke Health Care AB)

- **Viraguard®**

(Viraguard is a trademark of Veridien)

- **Virex® II 256**

(Virex is a trademark of Diversey® Inc.)

- **Windex® Original Glass Cleaner with Ammonia-D**

(Windex is a trademark of S.C. JOHNSON & SON, INC.)

- **Wipes Plus® Disinfecting Wipes**

(Wipes Plus is a trademark of Progressive Products, LLC)

Cleaning the computer monitor or touchscreen

Do not use any chlorine-based cleaner (such as bleach), peroxides (including hydrogen peroxide), solvents (such as acetone, paint thinner, benzene, methylene chloride or toluene), ammonia (i.e. Windex), ethyl alcohol or other abrasive cleaners.

Disconnect the AC power cable before cleaning.

Ensure the environmental temperature and humidity are maintained within specification and do not block ventilation slots.

Monitors are not designed for outdoors.

The following tips will help keep your touchscreen display functioning at an optimal level:

1. To clean the display unit cabinet, use a clean cloth lightly dampened with a mild detergent.
 - Surfaces must be completely air-dried before turning the device on after cleaning. No moisture should be visible on the surfaces of the product before it is powered on or plugged in.
 - It is important that your unit remains dry. Do not get liquids on or inside the unit.
 - If liquid does get inside, turn the unit off and have a qualified service technician check it before you power it on again.
2. To clean the touchscreen, use window or glass cleaner applied to a clean cloth or sponge.
 - Never apply the cleaner directly to the touchscreen.
 - Do not wipe the screen with a cloth or sponge that could scratch the surface.
 - Carefully wipe in one direction, moving from the top of the display to the bottom.

Cleaning the computer keyboard

Do not use any chlorine-based cleaner (such as bleach), peroxides (including hydrogen peroxide), solvents (such as acetone, paint thinner, benzene, methylene chloride or toluene), ammonia (i.e. Windex), ethyl alcohol or other abrasive cleaners.

Turn OFF the power of the PC before cleaning.

To protect the keyboard, special drapes can be used that cover the keyboard completely and that can be cleaned or disinfected separately. For more information:

<https://eu.man-machine.com/accessories-de/>

To clean the keyboard, use a clean cloth lightly dampened with a mild detergent.

- Surfaces must be completely air-dried before turning the device on after cleaning. No moisture should be visible on the surfaces of the product before it is powered on or plugged in.
- It is important that your unit remains dry. Do not get liquids on or inside the unit.

Cleaning a laptop or tablet computer

Do not use any chlorine-based cleaner (such as bleach), peroxides (including hydrogen peroxide), solvents (such as acetone, paint thinner, benzene, methylene chloride or toluene), ammonia (i.e. Windex), ethyl alcohol or other abrasive cleaners.

Disconnect the AC power cable before cleaning.

Ensure the environmental temperature and humidity are maintained within specification and do not block ventilation slots.

To protect the keyboard and touchpad, special drapes can be used that cover the keyboard completely and that can be cleaned or disinfected separately. For more information:

<https://eu.man-machine.com/accessories-de/>

The following tips will help keep your touchscreen display functioning at an optimal level:

1. To clean the unit, use a clean cloth lightly dampened with a mild detergent.
 - Surfaces must be completely air-dried before turning the device on after cleaning. No moisture should be visible on the surfaces of the product before it is powered on or plugged in.
 - It is important that your unit remains dry. Do not get liquids on or inside the unit.
 - If liquid does get inside, turn the unit off and have a qualified service technician check it before you power it on again.
2. To clean the monitor or touchscreen, use window or glass cleaner applied to a clean cloth or sponge.
 - Never apply the cleaner directly to the touchscreen.
 - Do not wipe the screen with a cloth or sponge that could scratch the surface.
 - Carefully wipe in one direction, moving from the top of the display to the bottom.

Disclaimer

The selection and description of the appropriate disinfection procedure and policy is the responsibility of the user.