



iE33 Ultrasound System Transducer Disinfectants and Cleaning Solutions

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1 Disinfectants and Cleaning Solutions Compatibility Table

The following table lists the disinfectants and cleaning solutions compatible with the transducers available for your Philips ultrasound system.



CAUTION

The use of 70% isopropyl alcohol (rubbing alcohol) and alcohol-based products on all transducers is restricted. On non-TEE transducers, the only parts that may be cleaned with isopropyl alcohol are the connector housing and the transducer housing and lens. On TEE transducers, the only part that may be cleaned with isopropyl alcohol are the connector housing and the handle. Ensure that the solution is only 70% alcohol or less. Do not wipe any other part of a transducer with isopropyl alcohol (including cables and strain reliefs), as it can damage those parts of the transducer. This damage is not covered by the warranty or your service contract.

Based on material compatibility testing, product use profile, and active ingredients, Philips has approved for use the following types of low-level disinfectants used as a spray or wipe for surface (skin contact) and transvaginal or transrectal probes, according to the compatibility restrictions in the table:

- Sodium hypochlorite based (for example 10% household bleach solution with active sodium hypochlorite at approximately 0.6%)
- Quaternary ammonium (QUAT) based (for example, products that contain n-alkyl (x)benzyl ammonium chloride solution where (x) can be any organic functional group such as ethyl and methyl, and so on; concentration at use should be less than 0.5% total for all QUATs listed)
- Accelerated hydrogen peroxide based
- Activated hydrogen peroxide based
- Alcohol or alcohol plus QUAT based (product alcohol content cannot exceed 70%)
- You may also use products not specifically listed in the compatibility table but with similar active ingredients, as indicated above, and marketed for medical use

Always follow the manufacturer's instructions when using disinfectants and cleaning solutions. Because of the large number of available cleaning and disinfection products, it is impossible to have an all-inclusive list. If you are unsure of the suitability of a particular product, please contact your Philips representative for more information.

For more information:

- In North America, call Philips at 800-722-9377.
- Outside North America, contact your local Philips representative.

Disinfectants and Cleaning Solutions Compatibility Table Legend

Origin (Country Code)	Qualified Use Notes	Compatibility
AU = Australia	1. Do not use on L15-7io transducers unless the part number is 453561407811 or higher.	C = Approved for use on the cable and connector
CA = Canada		
DE = Germany	C = Cleaner	H =Approved for use on the handle housing
ES = Spain	HLD = High-level disinfectant	N = Not approved for use
FR = France	ILD = Intermediate-level disinfectant	
UK = United Kingdom	LLD = Low-level disinfectant	T = Approved for use on the transducer
US = United States	S = Sterilant	

Disinfectants and Cleaning Solutions Compatibility

Solution	Origin	Qualified Use	Active Ingredients	C5-1	D2cwc	L8-4	L11-3	L15-7io	S8-3	S5-1	S7-2	S7-3t	X3-1
				C5-2	D5cwc	L9-3				S12-4	omni	S8-3t	X5-1
				C8-5	D2tcd						T6H	T6207	X7-2
				C9-4							X7-2t		
70% Isopropyl Alcohol	All	Spray, Wipe (ILD, LLD)	Alcohol	T	T	T	T	T	T	T	H	H	T
AbcoCide	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
AbcoCide 28	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Accel Wipes	CA	Wipe (LLD,ILD)	Hydrogen Peroxide	T,C	N	T,C	T,C	T,C	T,C	T,C	T,C,H	T,C,H	T,C

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Solution	Origin	Qualified Use	Active Ingredients	C5-1 C5-2 C8-5 C9-4	D2cwc D5cwc D2tcd	L8-4 L9-3	L11-3	L15-7io	S8-3	S5-1 S12-4	S7-2 omni T6H X7-2t	S7-3t S8-3t T6207	X3-1 X5-1 X7-2
Aidal	AU	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Aidal Plus	AU	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Alkaspray	FR	Spray, Wipe (LLD,ILD)	Alcohol, Alkylamine	T	T	T	T	T	T	T	H	H	T
Ampholysine Basique	FR	Spray, Wipe (LLD,ILD)	Biguanide, Quat. Ammonia	T,C	T,C	T,C	T,C	T,C	T,C	T,C	T,C	T,C	T,C
Aniosept Activ	FR	Soak (HLD,S)	Peracetic	N	N	N	N	T,C ^{1,2}	N	N	T	N	T,C
Anioxyde 1000	FR	Soak (HLD)	Peracetic	N	N	N	N	T,C	N	N	T	N	T,C
Antigermix S1	FR	S1 System (HLD)	UV-C	T,C	N	T,C	T,C	T,C	T,C	T,C	N	N	T,C
Banicide	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Bleach (10% solution of 5.25% Bleach)	All	Spray, Wipe (LLD,ILD)	Sodium Hypochlorite	T,C	T,C	T,C	T,C	T,C	T,C	T,C	C	C	T,C
CaviWipes	US	Wipe (LLD,ILD)	Alcohol, Quat. Ammonia	T	T	T	T	T	T	T	H	H	T
Cidex	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Cidex 7	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Cidex OPA	US	Soak (HLD)	Ortho-phthalaldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C

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				C5-2	D5cwc	L9-3			S12-4	omni	S8-3t	X5-1	
				C8-5	D2tcd				T6H	T6207	X7-2		
				C9-4					X7-2t				
Cidex PAE 14J	FR	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Cidex Plus	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Cleanisept Wipes	DE	Spray, Wipe (LLD,ILD)	Quat. Ammonia	T,C	T,C	T,C	T,C	T,C	T,C	T,C	T,C,H	T,C,H	T,C
Descoton Extra	DE	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Dispatch	US	Spray, Wipe (LLD,ILD)	Sodium Hypochlorite	T,C	T,C	T,C	T,C	T,C	T,C	T,C	C	C	T,C
Endo FC	FR	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Endosporine	FR	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Enzol	US	Pre-cleaner (C)	Enzymes	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Epizyme Rapid	AU	Pre-cleaner (C)	Enzymes	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Gigasept FF (neu)	DE	Soak (HLD)	Succinic dialdehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Gigasept PAA Concentrate	DE	Soak (HLD)	Peracetic	N	N	N	N	T,C ^{1,2}	N	N	T	N	T,C
Incidin	DE	Spray, Wipe (LLD,ILD)	Alcohol	T	T	T	T	T	T	T	H	H	T

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Incidur Spray	DE	Spray, Wipe (LLD,ILD)	Alcohol Quat, Aldehyde	T	T	T	T	T	T	T	H	H	T
Instruzyme	FR	Pre- cleaner (C)	Enzymes, Quat. Ammonia, Biguanide	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	N
Klenzyme	US	Pre- cleaner (C)	Enzymes	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Kohrsolin	DE	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Korsolex Basic	FR	Soak (HLD)	Aldehyde Releasing	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Korsolex Extra	FR	Soak (HLD)	Aldehydes, Quaternary Ammonium	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Korsolex PAE	FR	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
MaxiCide Plus	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
MedDis	UK	Soak (HLD)	Quat. Ammonia, Sulfamic Acid	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Medistel	UK	Soak (HLD)	Quat. Ammonia, Sulfamic Acid	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
MetriCide	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
MetriCide 28	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
MetriCide OPA Plus	US	Soak (HLD)	Ortho- phthalaldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C

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				C5-2	D5cwc	L9-3			S12-4	omni	S8-3t	X5-1	
				C8-5	D2tcd				T6H	T6207	X7-2		
				C9-4					X7-2t				
MetriCide Plus 30	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
MetriZyme	US	Pre-cleaner (C)	Enzymes	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
mikrozyd PAA Wipes	DE	Wipe (LLD,ILD)	Peracetic	N	N	N	N	T,C ^{1,2}	N	N	T	N	T,C
Mild Soap Solution	All	Pre-cleaner (C)	Surfactants, Soap	T,C	T,C	T,C	T,C	T,C	T,C	T,C	T,C	T,C	T,C
Milton	AU	Spray, Wipe (LLD,ILD)	Sodium Hypochlorite	T,C	T,C	T,C	T,C	T,C	T,C	T,C	C	C	T,C
NDP Med Concentrate d Plus	ES	Soak (HLD)	N-Duopropenide, Alkylamine	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
neodisher endo CLEAN / neodisher endo SEPT PAC	DE	AER (HLD)	Cleaner, Peracetic	N	N	N	N	N	N	N	T	N	N
Olympic Peracetic Acid	UK	AER (HLD)	Peracetic	N	N	N	N	N	N	N	T	N	N
Omnicide 14NS	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Omnicide 28	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
OPAL	AU	Soak (HLD)	Ortho-phthalaldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	N	T,C

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Opticide3	US	Spray, Wipe (LLD,ILD)	Alcohol, Quat. Ammonia	T	T	T	T	T	T	T	H	H	T
Oxivir	US	Wipe (LLD,ILD)	Hydrogen Peroxide	T,C	N	T,C	T,C	T,C	T,C	T,C	T,C,H	N	T,C
PeraSafe	UK	Soak (HLD,S)	Peracetic	N	N	N	N	T,C ^{1,2}	N	N	T	N	T,C
Perascope	UK	Soak (HLD)	Peracetic	N	N	N	N	T,C ^{1,2}	N	N	T	N	T,C
Perastel	UK	AER, Soak (HLD)	Peracetic	N	N	N	N	T,C ^{1,2}	N	N	T	N	T,C
PerCept Wipes	CA	Wipe (LLD,ILD)	Hydrogen Peroxide	T,C	N	T,C	T,C	T,C	T,C	T,C	T,C,H	N	T,C
Phagocide D	FR	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Phagozyme ND	FR	Pre- cleaner (C)	Enzymes, Quaternary Ammonium	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	N
Pro-Cide	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Pro-Cide 14NS	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Pro-Cide 28	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Pro-Cide NS	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Pro-Cide Plus	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Prolystica 2X	US	Pre- cleaner (C)	Enzymes	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C

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				C5-2	D5cwc	L9-3			S12-4	omni	S8-3t	X5-1	
				C8-5	D2tcd				T6H	T6207	X7-2		
				C9-4					X7-2t				
Protex Disinfectant Spray	US	Spray, Wipe (LLD,ILD)	Quat. ammonia	T,C	T,C	T,C	T,C	T,C	T,C	T,C	T,C,H	T,C,H	T,C
PSS Select 14 Day	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
PSS Select 28 Day	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
PSS Select Plus	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Quaternary Ammonium	All	Spray, Wipe (LLD,ILD)	Quat. Ammonia	T,C	T,C	T,C	T,C	T,C	T,C	T,C	T,C,H	T,C,H	T,C
Rapicide	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Resert XL HLD	US	Soak (HLD)	Hydrogen Peroxide	N	N	N	N	T,C ^{1,2}	N	N	T	N	T,C
Rivascop	FR	Spray, Wipe (LLD,ILD)	Quat. Ammonia	T,C	T,C	T,C	T,C	T,C	T,C	T,C	T,C,H	T,C,H	T,C
Salvanios pH 10	FR	Spray, Wipe (LLD,ILD)	Quat. Ammonia	T,C	T,C	T,C	T,C	T,C	T,C	T,C	T,C,H	T,C,H	T,C
Sani-Cloth Active	DE	Wipe (LLD,ILD)	Quat. Ammonia	T,C	T,C	T,C	T,C	T,C	T,C	T,C	T,C,H	T,C,H	T,C
Sani-Cloth AF	US	Wipe (LLD,ILD)	Quat. Ammonia	T,C	T,C	T,C	T,C	T,C	T,C	T,C	T,C,H	T,C,H	T,C
Sani-Cloth AF3	US	Wipe (LLD,ILD)	Quat. Ammonia	T,C	T,C	T,C	T,C	T,C	T,C	T,C	T,C,H	T,C,H	T,C
Sani-Cloth Bleach	US	Wipe (LLD,ILD)	Sodium Hypochlorite	T,C	T,C	T,C	T,C	T,C	T,C	T,C	C	C	T,C

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				C5-2	D5cwc	L9-3				S12-4	omni	S8-3t	X5-1
				C8-5	D2tcd					T6H	T6207	X7-2	
				C9-4						X7-2t			
Sani-Cloth Plus	US	Wipe (LLD,ILD)	Alcohol, Quat. Ammonia	T	T	T	T	T	T	T	H	H	T
SDS 14 NS	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
SDS 28	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Sekucid N	FR	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Sekusept Aktiv	DE	Soak (HLD)	Peracetic	N	N	N	N	T,C ^{1,2}	N	N	T	N	T,C
Sekusept Easy	DE	Soak (HLD)	Peracetic	N	N	N	N	T,C ^{1,2}	N	N	T	N	T,C
Sekusept Plus	DE	Soak (HLD)	Glucoprotamine	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	N
Soluscope P	FR	AER (HLD)	Paracetic	N	N	N	N	N	N	N	T	N	N
Steranios 2%	FR	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
TD-5	US	TD-100 Reprocess or (HLD,S)	Glutaraldehyde	N	N	N	N	N	N	N	T	T	N
Tristel Duo	UK	Foam, Wipe (HLD)	Chlorine Dioxide	T,C	N	T,C	T,C	T,C	T,C	T,C	N	N	T,C
Tristel Fuse for Instruments	UK	Stella System (HLD)	Chlorine Dioxide	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Tristel Sporicidal Wipes	UK	Wipe (HLD)	Chlorine Dioxide	T,C	T,C	T,C	T,C	T,C	T,C	T,C	T	T	T,C

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				C5-2	D5cwc	L9-3				S12-4	omni	S8-3t	X5-1
				C8-5	D2tcd						T6H	T6207	X7-2
				C9-4							X7-2t		
Trophon EPR	AU	Trophon EPR Reprocessor (HLD)	Hydrogen Peroxide	T,C	N	T,C	T,C	T,C	T,C	T,C	N	N	T,C
T-Spray	US	Spray, Wipe (LLD,ILD)	Quat. Ammonia	T,C	T,C	T,C	T,C	T,C	T,C	T,C	T,C,H	T,C,H	T,C
T-Spray II	US	Spray, Wipe (LLD,ILD)	Quat. Ammonia	T,C	T,C	T,C	T,C	T,C	T,C	T,C	T,C,H	T,C,H	T,C
Vaposeptol	FR	Spray, Wipe (LLD,ILD)	Alcohol, Biguanide	T	T	T	T	T	T	T	H	H	T
Vespore	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Virox 5 RTU	CA	Wipe (LLD,ILD)	Hydrogen Peroxide	T,C	N	T,C	T,C	T,C	T,C	T,C	T,C,H	N	T,C
Wavicide -01	US	Soak (HLD,S)	Glutaraldehyde	T,C	N	T,C	T,C	T,C	T,C	T,C	T	T	T,C
Wip'Anios	FR	Wipe (LLD,ILD)	Alcohol, Quat. Ammonia	T	T	T	T	T	T	T	H	H	T

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