



GE EUROPEAN **PORTFOLIO** FOR PROPER ULTRASOUND PROBE REPROCESSING





WHAT DOES GE RECOMMEND?



CLEANING



DISINFECTION



PROTECTION



TRANSPORTATION
& STORAGE



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GE Healthcare recommends in its user manual the following about cleaning and disinfection of ultrasound probes.

Adequate cleaning and disinfection between patient cases are necessary to prevent disease transmission. All probes must be thoroughly cleaned prior to disinfection. The level of disinfection required is based on patient contact.

- ✓ Probes that contact mucosal or non-intact skin require cleaning followed by high-level disinfection by either soaking or use of an automated system such as trophon®2 or TD100®.
- ✓ Probes that contact intact skin require cleaning followed by intermediate-level disinfection (wipe or spray).
- ✓ Verify probe compatibility and instructions on the GE probe website: <http://www.gehealthcare.com/transducers>


Guidelines to follow for probes transport and storage are described in the webpage above.


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CLEANING




Cleaning is important. A manual cleaning is required to remove gel, soils and to ensure the probes are cleaned to the extent necessary for further processing.

TEEZyme®		✓ Specifically designed for TEE probes	
INTENDED USE	REFERENCE	QUANTITY	PRODUCT
Single-use cleaning sponge, to remove gross contaminants after extracting the probe from the patient	E8364BM	100	
TEEZyme sponge caddy	E8364BP	1	

NUZyme®		✓ Designed for endocavitary probes	
INTENDED USE	REFERENCE	QUANTITY	PRODUCT
For pre-cleaning of endocavitary probes This sponge is specifically formulated to remove gross contaminants while targeting insoluble polysaccharides that encase biofilm, exposing them to the high-level disinfectant used after		100	
NUZyme sponge caddy		1	

QwikDry		✓ For all types of probes	
INTENDED USE	REFERENCE	QUANTITY	PRODUCT
Drying probes after cleaning and disinfecting Single-use, non-abrasive surface for easy glide on ultrasound probe, individually package, irradiated cloth, lint free and high absorbent membrane	E8364DF	100	
QwikDry cloth caddy	E8364DG	1	

Companion drying wipes		✓ For all types of probes	
INTENDED USE	REFERENCE	QUANTITY	PRODUCT
Drying probes after cleaning and disinfecting Larger sized wipe, non-abrasive, low lint, recyclable packaging	E8350MR	6 cannisters with 100 wipes each	
Dry wipes caddy	E8350MS	1	


DISINFECTION





High-Level Disinfection is required for devices that contact intact mucous membranes or non-intact skin.






trophon2®	✓ Designed for endocavitary and standard probes	
INTENDED USE	REFERENCE	QUANTITY
Automated high-level disinfection system for ultrasound probes Prevents exposure to hazardous chemicals, fumes and spills Compatible with over 1000 probes Provides printed and digital traceability 7mn cycle	E83301BM	1
Disinfectant: single-use bottle of hydrogen peroxide	E8350XB	12 bottles
trophon2 chemical indicators	E83311AK	300
Wall mount for the trophon2 device	E8350MD	1
trophon2 cart	E8350ME	1
trophon2 printer	E83311AA	1
trophon2 printer cart mount	E8350MG	1
trophon2 printer wall mount	E8350PF	1
trophon2 printer USB cable	E8350MF	1
trophon2 printer paper roll	E83311AB	600 labels
trophon2 Acutrace operator cards for traceability	E8350MJ	10
trophon2 Acutrace medical instrument tag for traceability	E8350MK	10
trophon2 Acutrace activation card for traceability	E8350ML	1

TD100®		✓ Specifically designed for TEE probes	
INTENDED USE	REFERENCE	QUANTITY	PRODUCT
Automated high-level disinfection system for TEE probes Prevents exposure to hazardous chemicals, fumes and spills Provides printed traceability 17mn cycle	E8364BR	1	
Disinfectant: TD-8: single-use bottle of OPA (ortho-phthalaldehyde)	E8364EK	32 bottles	
Neutralization station Safely neutralize the disinfectant before disposal	8364EE	1	
Glycinex: disinfectant neutralizer to use into the neutralization station	E8364BH	24 pouches	
Printer paper for TD100	E8364BG	1	
Leakage tester (ROW)	E8364EL	1	
Leakage tester adapter wire	E8364EM	1	
Transducer adapter	E8364DR	1	
Printer for leakage tester with 110 V power supply, data cable and 5 paper rolls	E8364DS	1	
Printer Paper for leakage tester	E8364EC	1	
Wall mount for leakage tester & Printer	E8364DT	1	

Tristel Duo™ ULT		✓ For endocavitary probes	
INTENDED USE	REFERENCE	QUANTITY	PRODUCT
High-level disinfectant foam for ultrasound probes Disinfectant: chlorine dioxide Includes one bottle of chlorine dioxide (for 155 disinfections) and one cannister of dry wipes: non-woven, non-absorbent for the application of Tristel Duo ULT, pre-cut, non-shedding, low-linting (200 wipes per box)		Bottle: 155 disinfections Wipes: 200	

Tristel Trio™		✓ For all types of probes	
INTENDED USE	REFERENCE	QUANTITY	PRODUCT
High-level disinfectant wipes for ultrasound probes Disinfectant: chlorine dioxide Kit of 3 wipes: a cleaning wipe (non-woven wipe impregnated with enzymatic detergent), a sporicidal wipe combined with an activator foam for the high-level disinfection and a rinsing wipe (sterile packed, non-woven impregnated with deionized water) Traceability with the Quality Audit Trail Record Book		50	

UMONIUM38® Neutralis Tissues		✓ For endocavitary and standard probes	
INTENDED USE	REFERENCE	QUANTITY	PRODUCT
High-level disinfection wipes for endocavitary and standard ultrasound probes Free of endocrine disruptors, do not contain any CMR (carcinogenic, mutagenic, reprotoxic) components and do not generate any chemical hazard pH7 non corrosive, multi-material compatibility 2 wipes needed: one for cleaning and one for high-level disinfection Act in 5 seconds	E83661AA-EU	6 cannisters with 100 wipes each	
	E83661AC-EU	36 boxes with 10 wipes each (360 wipes)	
	E83661AB-EU	1 box with 500 wipes	

PROTECTION



SlimFit probe cover		✓ For endocavitary probes	
INTENDED USE	REFERENCE	QUANTITY	PRODUCT
For procedures Sterile probe cover PullUp™: cardboard strip that allows easy application Telescopically folded, Latex free	E8333KA	200	
For procedures Non-sterile probe cover PullUp™: cardboard strip that allows easy application Telescopically folded, Latex free	E8333KB	200	


Eclipse probe cover		✓ For endocavitary probes	
INTENDED USE	REFERENCE	QUANTITY	PRODUCT
For procedures Pre-gelled inside with Aquasonic® 100 Ultrasound Transmission Gel Latex free, non-irritating, non-sensitizing, non-sterile	E8386CG	100	


TRANSPORTATION & STORAGE





Transport and storage are key when we talk about ultrasound probes. Probes should be manipulated with care to avoid any failure. If the probe is not immediately reused, store the probe in a manner that will protect and keep the probe from being recontaminated.


TPorter®		✓ Specifically designed for TEE probes	
INTENDED USE	REFERENCE	QUANTITY	PRODUCT
Transport the TEE probe from examination room to reprocessing room after an exam with red tie bands and bio-barrier sleeve and then from reprocessing room to examination room when the probe has been high-level disinfected with green tie bands and PullUp TEE probe cover Easy to transport and avoid probe mishandling	E8364DV	1	
TPorter tie bands to seal the TPORter suitcase	E8364DX	100 green & 100 red	


CleanShield® TEE storage cabinet		✓ For TEE probes	
INTENDED USE	REFERENCE	QUANTITY	PRODUCT
Designed to store TEE probes after high-level disinfection. Thermally-fused polypropylene construction Positive-pressure HEPA-filtered clean air to minimize the potential of airborne contaminants entering into the cabinet Locking front door for securing TEE probes	E8364DB (for 3 probes) E8364DD (for 6 probes)	1	
HEPA filter for probe storage cabinet	E8364CC	1	
Pre-filter	E8364CD	12	


CleanShield® ultrasound storage cabinet		✓ For standard and endocavitary probes	
INTENDED USE	REFERENCE	QUANTITY	PRODUCT
Designed to store ultrasound probes after disinfection Thermally-fused polypropylene construction Unique two stage filtration to remove potential airborne contaminants from entering the cabinet and contacting probes Locking front door for securing probes Can store up to 6 probes	E8364CB	1	
HEPA filter for probe storage cabinet	E8364CC	1	
Pre-filter	E8364CD	12	

Clear storage cover		✓ For endocavitary probes	
INTENDED USE	REFERENCE	QUANTITY	PRODUCT
For storage purpose	E8388AA	400	

PullUp storage cover		✓ For endocavitary probes	
INTENDED USE	REFERENCE	QUANTITY	PRODUCT
For storage purpose, with secure tape	E8388AB	200	

Clean ultrasound probe cover		✓ For endocavitary and standard probes	
INTENDED USE	REFERENCE	QUANTITY	PRODUCT
For storage purpose Designed to protect probes from recontamination, after high-level disinfection and before they are used on the next patient	E8350TA	100	

PullUp™ Bio-Barrier Sleeve		✓ For TEE probes	
INTENDED USE	REFERENCE	QUANTITY	PRODUCT
This probe cover indicates that the probe has not been disinfected To prevent exposure to biohazardous material during transportation. It completely encases the insertion tube	E8364DZ	100	

PullUp™ TEE/TOE Probe cover		✓ For TEE probes	
INTENDED USE	REFERENCE	QUANTITY	PRODUCT
Designed to be used once the TEE probe has been properly high-level disinfected and dried. It is designed to provide a barrier between the probe and the transportation/storage case	E8364DY	100	



GE imagination at work

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