

**PHILIPS**

Ultrasound



# Cleaning and disinfecting your ultrasound systems

## Protecting you and your patients

Philips is committed to serving our customers who are on the front lines, caring for patients with COVID-19. Worldwide, infectious disease control is increasingly important in healthcare environments. Philips supports your efforts to protect your providers and patients.

## Reduce the risk of cross-contamination

Adhering to cleaning and disinfecting protocols is key to reducing the risk of cross-contamination. That includes following guidance for routine cleaning and disinfecting after every procedure. See the cleaning procedures and disinfectant resources on the Philips “Ultrasound Care and Cleaning” web page (below) for guidance on how to clean and disinfect Philips systems, using procedures and products that are compatible with Philips ultrasound systems and transducers.

## During the pandemic

Please carefully inspect your system and transducers before and after each procedure for any damage that may occur. During this pandemic, you may decide to use a hospital-grade cleaner or disinfectant not listed in the Philips instruction documents. If your Philips ultrasound system is damaged due to disinfecting, we will work with you to keep your equipment operating during the current pandemic crisis. Please contact your local Philips Representative or support team for help.

Government health organizations, such as the US EPA, have published lists of disinfectants recommended for use against COVID-19. This list references the following disinfectants that are approved for use on most Philips ultrasound transducers: **Clorox Healthcare Bleach Germicidal Wipes, Oxivir, Sani-Cloth Prime**. Customers should use their own judgment regarding whether they are adequately disinfecting their equipment.

[epa.gov/coronavirus](https://www.epa.gov/coronavirus)

[philips.com/ultrasoundcareandcleaning](https://www.philips.com/ultrasoundcareandcleaning)

Note: Before cleaning and disinfecting the equipment please carefully read the “Cleaning and Disinfection” section of the user manual for your Philips ultrasound system(s) to ensure safety and operability. When using any cleaner or disinfectant, it is important to carefully follow the manufacturer’s instructions for use.

# Cleaning and disinfecting

## In general

- 1 Cleaning and disinfection techniques for equipment and examination rooms must comply with applicable local laws or regulations.
- 2 Use **protective eyewear and gloves** at all times while cleaning, disinfecting or sterilizing the equipment.
- 3 Always turn off the system, disconnect the main power cord from the wall outlet and wait at least 30 seconds before cleaning or disinfecting the system. When cleaning the system control panel, monitor screens, touchscreen and keyboard, avoid getting any solution inside the housing. Do not spill or spray liquid on the control panel, into the system cabinet or into the transducer receptacles.

## Cleaning

- 1 **Mild soap solutions** can be used to clean the surfaces of the ultrasound system. Be sure that the solutions do not contain any harsh or skin-irritating ingredients. The solutions should also be free of fragrances, oils and alcohol compounds. Hand sanitizers are not approved for use.
- 2 Cleaners designed for LCDs or OLEDs can be used to clean the monitor screens and touchscreens.

## Disinfecting

- 1 Use only compatible cleaners and disinfectants on system surfaces. See the “Disinfectants and Cleaning Solutions for Ultrasound Systems and Transducers” information that is available with your system documentation or on the “Transducer and System Care” web page.  
[philips.com/transducercare](https://philips.com/transducercare)
- 2 Use **70% isopropyl alcohol or ethyl alcohol** disinfectant to wipe the surfaces (not approved for touchscreens). The use of **isopropyl alcohol (rubbing alcohol), denatured ethyl alcohol and alcohol-based products** on all transducers is restricted only to the transducer housing, but not applicable to the transducer cables, strain reliefs or connectors.
- 3 Use diluted **accelerated hydrogen peroxide-based** disinfectants to wipe the surfaces (all surfaces: also applicable to the transducer cables, strain reliefs, USB connectors and touchscreens).