

# COVID-19 Support from Konica Minolta Healthcare.

Proper cleaning and disinfecting methods for [SONIMAGE® HS1 Compact Ultrasound System](#) and [SONIMAGE® MX1 Portable Ultrasound System](#) transducers.

## Transducer Cleaning Guidelines

1. Wash off all residues on the transducer with purified water
2. Clean the transducer using one of the solutions listed in the table below
3. Rinse off the transducer with sterile water after taking it out of the chemical solution
4. Wipe off the surface of the transducer using a sterile soft cloth, then let the transducer air-dry
  - a. When drying the transducer, do not heat or blow hot air on it as this may cause damage

Chemical Type	Trade Name	Method and Time
Enzyme	CIDEZYME® (0.8%)	Immersion: 1 min Temperature: Room temperature
Isopropyl Alcohol	Isopropyl Alcohol (70%)	Wiping with a sterile gauze Temperature: Room temperature
Benzalkonium chloride	Protex™ Disinfectant Wipes	Wiping with a sterile soft cloth Temperature: Room temperature
Benzalkonium chloride	Protex™ Disinfectant Spray	Wiping with a sterile gauze Temperature: Room temperature
Benzalkonium chloride	Super Sani-Cloth®	Wiping with a sterile soft cloth Temperature: Room temperature
Benzalkonium chloride	Sani-Cloth® HB	Wiping with a sterile soft cloth Temperature: Room temperature
Benzalkonium chloride	Sani-Cloth® Plus	Wiping with a sterile soft cloth Temperature: Room temperature
Benzalkonium chloride	PI Spray	Wiping with a sterile gauze Temperature: Room temperature

If you have any questions, please contact our Customer Care Center at **1.800.945.0456**

# COVID-19 Support from Konica Minolta Healthcare.

The following methods are approved by Konica Minolta Healthcare for disinfecting ultrasound transducers:

## Transducer Disinfecting Guidelines

1. Clean the transducer before disinfecting it
2. Immerse the transducer in chemical solutions listed in the table below
3. Rinse off the transducer with sterile water after taking it out of the chemical solution
4. Wipe off the surface of the transducer using a sterile soft cloth, then let the transducer air-dry
  - a. When drying the transducer, do not heat or blow hot air on it as this may cause damage

Chemical Type	Trade Name	Method and Time
Glutaraldehyde	CIDEXPLUS® 28 day solution (3.4%)	Follow the manufacturer's instructions Immersion: 20 min Temperature: Room temperature
Orthophlthalaldehyde	CIDEX® OPA (0.55%)	Follow the manufacturer's instructions Immersion: 12 min Temperature: Room temperature

 **Important:**

Repeated disinfecting of the transducer may cause discoloration, but it won't affect the performance of the transducer.

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## COVID-19 Support from Konica Minolta Healthcare.

The following methods are approved by Konica Minolta Healthcare for disinfecting with trophon<sup>®</sup> EPR:

### Disinfecting with trophon<sup>®</sup> EPR

1. Clean and dry the transducer before disinfecting it
2. Disinfect the transducer with trophon<sup>®</sup> EPR
  - a. Use a cartridge for high-level disinfectants
  - b. Be sure to refer to the instruction manual provided by Nanosonics, the manufacturer

Chemical Type	Trade Name	Method and Time
Hydrogen Peroxide	trophon <sup>®</sup> NanoNebulant <sup>®</sup>	Follow the manufacturer's instructions
Hydrogen Peroxide	trophon <sup>®</sup> Sonex-HL <sup>®</sup>	Follow the manufacturer's instructions

#### **Important:**

Repeated disinfecting of the transducer may cause discoloration, but it won't affect the performance of the transducer.

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