



Wireless Ultrasound Probe Holder



The first and only automated
high-level disinfection (HLD) solution
for wireless ultrasound probes*



High-level disinfection (HLD) of wireless ultrasound probes

The rapid growth of wireless ultrasound comes with the same need for HLD requirements as the traditional wired probes

The Spaulding Classification forms the basis of all medical device disinfection regulations and is used by Australian and New Zealand guidelines to determine the level of disinfection required for ultrasound probes.^{1,2}

Under Spaulding, wireless probes can be classed as non-critical, semi-critical or critical depending on their use; with semi-critical and critical use requiring a minimum of HLD.

Wireless ultrasound is a versatile and mobile solution for healthcare facilities, with wireless probes often shared between rooms, departments and operators. This portability reinforces the need for appropriate disinfection to protect patients from infection risk.

trophon® devices, offering all the benefits of automated HLD and patient safety, are now available to streamline the clinical workflows of wireless ultrasound probes.



**trophon technology is the first and only
automated HLD solution for wireless ultrasound***

Easy to use

trophon Wireless Ultrasound Probe Holder is a reusable accessory that is easy to handle and integrates into your existing trophon device workflow. The accessory is compatible with both trophon EPR and trophon2 devices and does not require any assembly, installation or hardware modifications to your device.

The accessory can be paired to a single probe or multiple probes depending on the workflow of your clinical setting.

**Delivers a sustainable, reusable solution
for trophon EPR and trophon2 devices**

Microbial efficacy

When used with the trophon Wireless Ultrasound Probe Holder, trophon EPR and trophon2 devices deliver the same level of microbial efficacy with wireless probes as with wired probes. Ultrasound probes are often contaminated after use.³ Without proper disinfection, this contamination puts patients at risk of healthcare-associated infections (HAIs). Wireless probes can be exposed to a range of hazards throughout their use, making the need for proper disinfection especially important.

**Applying the appropriate level of disinfection is critical
for patient safety, particularly with mobile probes**

trophon2 – enhanced automation



Traceability and compliance

Traceability is essential to protect patients and institutions, and Australian and New Zealand standards require that all semi-critical and critical ultrasound probes have traceability.^{1,2,4}

Facilities are required to collect reprocessing cycle information and medical device identifiers, and then link this to the patient record. Traceability is particularly important for wireless probes that may be used across different rooms, departments or operators.

The trophon Wireless Ultrasound Probe Holder can be easily integrated in the digitised traceability solution with your trophon2 device. AcuTrace®, our traceability technology based on radio frequency identification (RFID), is available for wireless probes with the use of a trophon AcuTrace Medical Instrument Tag. Users can attach the tags to the trophon Wireless Ultrasound Probe Holder to trace both the accessory and the wireless probe.

The packaging includes a trophon AcuTrace Medical Instrument Tag, so that the accessory can be used right out of the box.

trophon devices are fast becoming the global standard of care for ultrasound probe reprocessing, expanding into wireless ultrasound probes

The trophon Wireless Ultrasound Probe Holder – a trophon device accessory

- Non-sterile medical device
- Fully recyclable packaging

What's in the box

- trophon Wireless Ultrasound Probe Holder
- trophon Wireless Ultrasound Probe Holder Instructions For Use
- trophon AcuTrace Medical Instrument Tag
- trophon AcuTrace Medical Instrument Tag Instructions For Use

Specifications

- **Product dimensions:** H 47.6mm x L 260.5mm x W 81.2mm
- **Weight:** 32.5g (approx.)
- **Material:** PPSU
- **Labelling:** UDI, GTIN, Date of Manufacture, Lot Number, recycling symbol



Nanosonics is a global innovator in infection prevention.

The trophon2 device is the latest innovation in ultrasound probe HLD. With close to 30,000 trophon devices operating worldwide, approximately 98,000 people each day are protected from the risk of cross-contamination.[^]

Integrated HLD workflow



Step 1

Use a probe manufacturer approved cleaning method to remove protein, gel, microbial load and other soil from the wireless probe until visibly clean. Dry the probe with a low-lint or lint-free wipe.



Step 2

Hold the wireless probe and Holder in each hand. Place the probe into the Holder from the top, with the wider end facing upwards. Ensure the wireless probe is resting on all four touch points of the Holder.



Step 3

Load the Holder into the trophon chamber so the base of the Holder handle is below the gland seal, with the trophon logo facing outwards.



Step 4

Start trophon HLD cycle.



Step 5

Using two hands, carefully remove the Holder from the trophon chamber. Dry the probe using a low-lint or lint-free wipe.



Step 6

Place the Holder and the wireless probe into two separate Clean Ultrasound Probe Covers and store in a designated clean area.



Access instructional videos and additional training resources by scanning the QR code, logging into the Nanosonics Academy at www.nanosonicsacademy.com or by visiting your regional Nanosonics Customer Centre.

For a list of compatible wireless ultrasound probes, visit www.nanosonics.com.au/products/probe-compatibility

Product description	Code	Quantity
trophon Wireless Ultrasound Probe Holder (WUPH-A)	N05030	1 Unit

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References: 1. Standards Australia (AS), Standards New Zealand (NZS). 4187:2014. Cleaning, disinfecting and sterilizing reusable medical and surgical instruments and equipment, and maintenance of associated environments in health care facilities. 2015. 2. Australasian College for Infection Prevention and Control (ACIPC), Australasian Society for Ultrasound in Medicine (ASUM). Guidelines for Reprocessing Ultrasound Transducers. Australasian Journal of Ultrasound in Medicine. 2017;20(1):30-40. 3. Keys M et al. Crit Care Resusc. 2015;17(1):43-6. 4. Australian Commission on Safety and Quality in Health Care (ACSQHC). National Safety and Quality Health Service Standards. Action 3.17. Second Edition. 2020. *As at end June 2022. *Currently, for use with GE Healthcare Vscan Air™ CL only. The trophon® family includes the trophon® EPR and trophon®2 devices, which share the same core technology of 'sonically-activated' hydrogen peroxide. Nanosonics, trophon and AuditPro are trademarks of Nanosonics Ltd. © 2022 Nanosonics Limited. All rights reserved. NAN0821. 1766835-ANZ-BR. September 2022.