

Customer Information Notice: CIN177

Ultrasound Probes compatibility and microbiological efficacy with the trophon®2 Plus software upgrade for trophon2 devices

The trophon2 Plus is a software upgrade available to trophon2 devices and there are no changes with respect to form, fit and function, while offering a 4 minute high-level disinfection cycle time and new user features.

The trophon2 Plus software upgrade leverages the same core technology as other trophon family* devices of sonically activated hydrogen peroxide.

All trophon family devices share equivalent critical parameters and therefore provide equivalent microefficacy.

All ultrasound probes currently approved for use with the trophon2 device remain compatible with the trophon2 Plus software upgrade.

Refer to the trophon compatibility list on the Nanosonics website to confirm probe compatibility.

*The trophon family includes trophon EPR, trophon2 (including trophon2 plus software upgrade) and trophon3 devices

Disinfection cycle profile

The 4-minute cycle has been achieved by optimising non-critical operational cycle parameters while maintaining equivalent critical disinfectant parameters.

Probe material compatibility

The trophon2 Plus software upgrade utilises identical disinfectant (35% hydrogen peroxide) and equivalent disinfectant amount to trophon2 device. As total cycle time and hence exposure to temperature has been shortened, material compatibility remains equivalent to trophon2 device.

Microbiological efficacy

Microbiological disinfection efficacy for trophon2 Plus software upgrade has been validated to demonstrate high-level disinfection according to relevant guidelines and regulatory standards. In addition, the trophon2 Plus software upgrade shares the same core trophon technology and has equivalent critical parameters to trophon2 and trophon EPR devices. Therefore, all trophon technology devices are equivalent in terms of high-level disinfection efficacy.

Residual levels

The residual disinfectant level in trophon2 Plus software upgrade has been validated to be under the required safety level limits and are equivalent to the trophon2 device. There are no updates to the trophon User Manual related to safety or instructions required to complete disinfection steps.

Should you have any questions related to probe compatibility, microbiological efficacy, or device specifications, please contact your local Nanosonics representative.