

STERRAD™ Sterilizers

with ALLClear™ Technology

Enhance the Margin of Safety

In a peer-reviewed study using simulated inadequate precleaning conditions¹, the STERRAD NX™ Sterilizer showed:

- **100% successful** spore microbicidal rate versus V-PRO® maX's 14% successful spore microbicidal rate
- HPGP allows approximately **3x microbicidal concentration** while breaking down Hydrogen Peroxide into harmless by products when it is no longer needed
- **No statistically significant difference** in microbicidal failure rates between STERRAD NX™ Sterilizer, steam, and ETO

Rely on the Science.
Depend on STERRAD™ Sterilizers.



HPGP

Hydrogen Peroxide Gas Plasma (HPGP) treatment has been shown to be more effective than vacuum-only (no plasma) treatment in lowering H2O2 residuals on materials



19x less operator maximum exposure due to plasma breakdown of hydrogen peroxide at the end of the cycle²

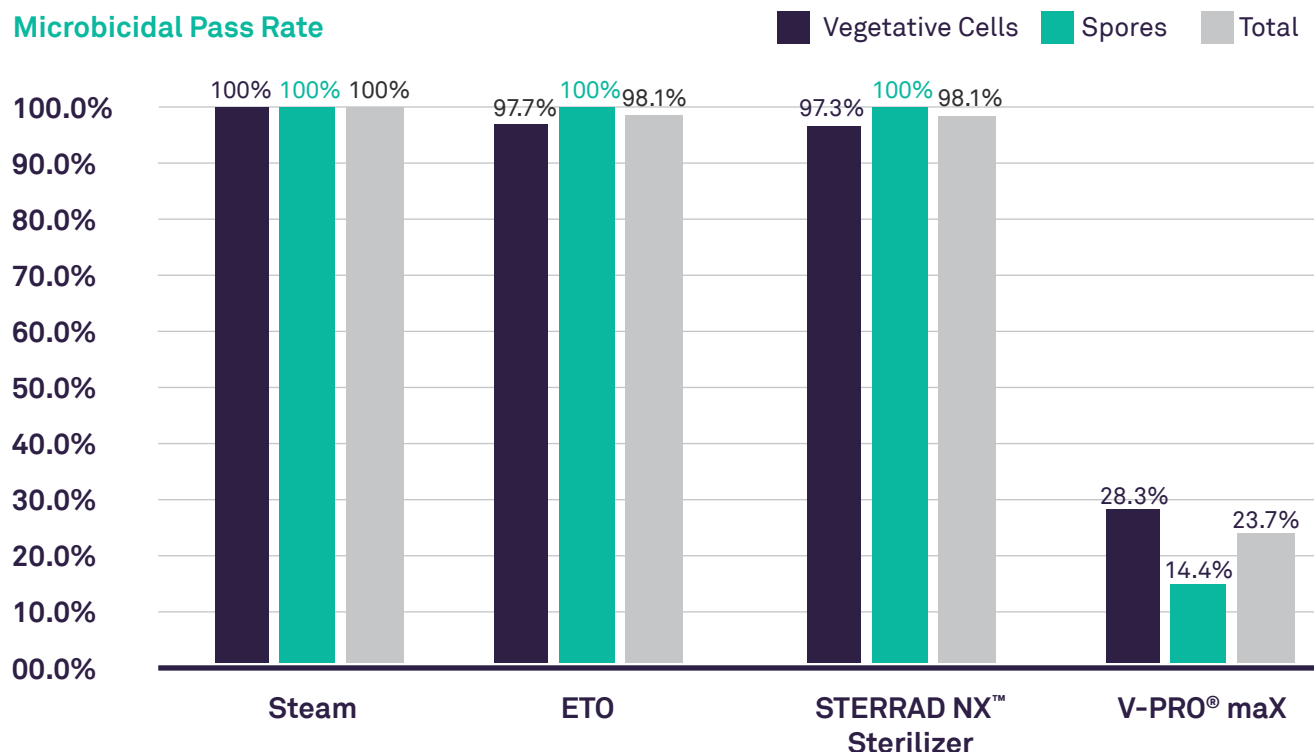
For more information contact your local ASP representative at 1-888-STERRAD (783-7723) or visit asp.com

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Research has demonstrated that HPGP systems offer a higher margin of safety compared to Vaporized Hydrogen Peroxide (VHP), particularly in the presence of challenging contaminants such as salt and blood plasma.

Steam sterilization is the most effective and had the largest margin of safety, followed by ETO and HPGP, but VHP® showed much less efficacy.¹

Microbicidal Pass Rate



“VHP has a significantly narrower margin of safety in killing vegetative bacteria and spores in the presence of a salt and serum challenge”¹

“Although steam had no failures compared to both ETO and HPGP, which demonstrated some failures for vegetative bacteria, there was no significant difference comparing the failure rate of steam to either ETO ($P > .05$) or HPGP ($P > .05$).”¹

– Comparative evaluation of the microbicidal activity of low-temperature sterilization technologies to steam sterilization¹

¹ Rutala et al., Comparative evaluation of the microbicidal activity of low-temperature sterilization technologies to steam sterilization, Infection Control and Hospital Epidemiology (2020), 1-5

² Cornelia R, Warburton PR. Assessing hydrogen peroxide vapor exposure from hospital sterilizers. J Occup Environ Hyg. 2017 Sep;14(9):150-157. doi: 10.1080/15459624.2017.1335401. PMID: 28636451.

Important information: Prior to use, refer to the complete instructions for use supplied with the device(s) for proper use, indications, contraindications, warnings and precautions.

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