ASP Advanced Sterilization Products

STERRAD™ Sterilizers

with ALLClear™ Technology

Just Load and Go

ALLClear™ TECHNOLOGY

Put sterilization in the **trusted, dependable** hands of **STERRAD™ Sterilizers**

Protecting patients during their most critical moments™

With ALLClear™ Technology, the STERRAD™ 100NX Sterilizer and the STERRAD NX™ Sterilizer are products designed to maximize efficiency and compliance* in the Sterile Processing Department (SPD).

STERRAD™ Sterilizers with ALLClear™ Technology are a vital component of the rhythm of an SPD's reprocessing workflow, delivering time-saving efficiencies to reduce delays in instrument throughput. It is the **only low-temperature sterilization platform with integrated quality-control features**, which may enhance compliance.*

- Reduce workflow interruptions
- Enhance compliance, automatically*
- Designed with simplicity in mind to reduce the potential for human error

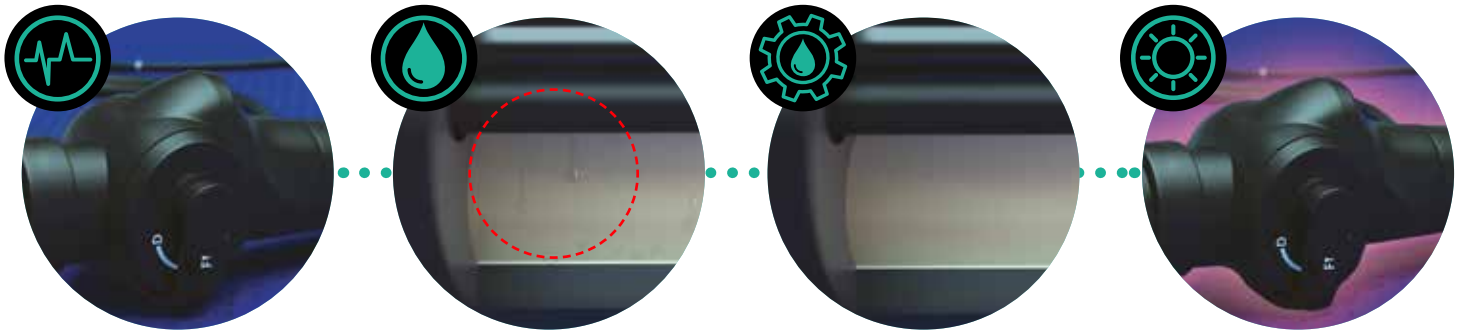
*STERRAD Sterilizers with ALLClear Technology have features that may enhance compliance, such as on-screen reinforcement of user training.

Fewer Interruptions, Enhanced Workflow.

STERRAD Sterilizers with ALLClear Technology reduce workflow interruptions.

- Fast, accurate detection and correction of load and system issues, which may otherwise cause cycle interruptions
- Automatic precycle system diagnostics and load conditioning in 5 minutes or less**
- ALLClear™ Technology is designed to ensure optimal package and instrument conditions for sterilization

**Timing is based on typical loads. ALLClear Technology can be disabled.



System Check ▸ **Moisture Detection** ▸ **Moisture Correction** ▸ **Instrument Warming**

System diagnostics occur throughout the ALLClear Technology process prior to the sterilization cycle, minimizing the risk of cycle cancellation.

Automatically detects both moisture on the surface and moisture absorbed by materials.

Automatically removes small amounts of excess moisture on surfaces and absorbed by materials.

Removes trapped gas and warms instrument loads.

Designed With Simplicity In Mind

Quality control that enhances compliance with hospital policies and device IFUs

- On-screen notifications
- Graphic display indicating proper load placement for the selected cycle
- Cycle information screens describing the types of devices that can be processed in each cycle

Minimize the need for manual record keeping

- Automatic communication of information between STERRAD Sterilizers, ASP ACCESS™ Technology, STERRAD VELOCITY™ System, and an instrument tracking system or hospital network

Simple, easy-to-use system that reduces operator error.

- Enhanced user interface makes cycle navigation intuitive and straightforward
- Minimizes start-up delays and confusion
- Enables fast and easy staff training

1 Select your cycle

- Multiple cycle options offer compatibility with a wide variety of instrument types.

2 Scan the BI/PCD

- On-screen BI usage reminders ensure STERRAD VELOCITY™ Biological Indicator/ Process Challenge Device (BI/PCD) is processed per hospital recommendations.

3 Load the chamber

- Graphic display indicating proper load placement for the selected cycle.

4 Go!

- Select Start Cycle and let STERRAD Sterilizers do the rest.

Future-Focused • Trusted Sterility • Operational Efficiency

Expandable and upgradeable technology that enhances system capability:

- Benefit from the latest technology while preserving the value of your capital investment
- Up to 5 sterilization cycles, including the ULTRA GI™ Cycle for the STERRAD 100NX Sterilizers with ALLClear Technology for H2O2-compatible duodenoscopes†

Designed to minimize healthcare worker chemical exposure:

- Touch-free cassette disposal promotes your team's safety‡
- Proprietary plasma technology reduces environmental concentrations of hydrogen peroxide to less than or equal to 0.3 ppm, well below The American Conference of Governmental Industrial Hygienists (ACGIH®) Threshold Limit Value (TLV®) of 1 ppm, and the recommended short-term peak exposure of no more than 5 ppm[1]

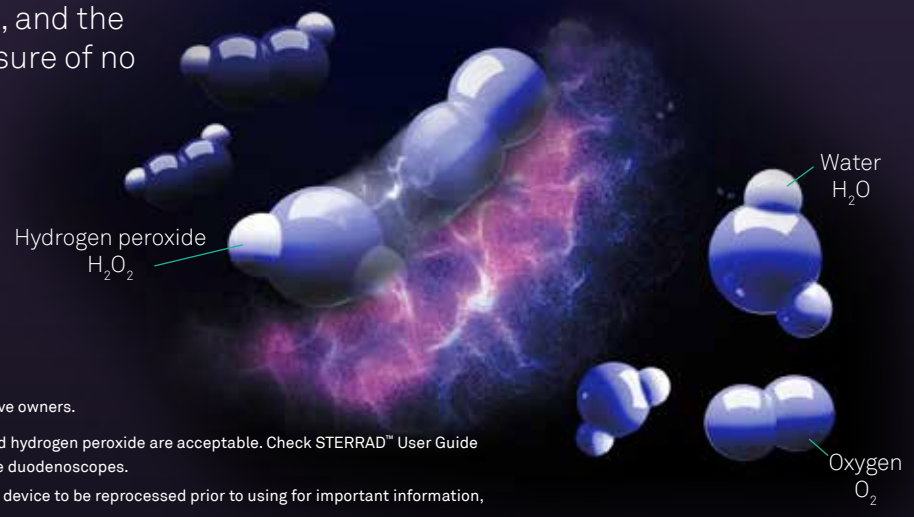
Sterility assurance from a leader in low-temperature sterilization:

- Over 15 million cycles successfully completed worldwide each year, impacting millions of patients annually
- More than 20,000 medical device manufacturer endorsements

STERRAD Sterilizers deliver ongoing economic value compared to Steam Sterilizers[2]:

- Proven to preserve instrument integrity, reducing the frequency of costly repairs and replacements[3]
- Consumes approximately 70% less energy per year[4]
- Can save an estimated 180K L of water per year[4]

Gas plasma breaks down hydrogen peroxide, leaving only the elements of water and oxygen behind.



† Only duodenoscopes that have been cleared as compatible with vaporized hydrogen peroxide are acceptable. Check STERRAD™ User Guide "STERRAD™ Sterilizer Cycle Selection Table" for ULTRA GI™ Cycle compatible duodenoscopes.

Please read and follow the manufacturer's instructions for use (IFU) for the device to be reprocessed prior to using for important information, including contraindications, warnings and proper directions.

‡ As a precaution, when handling any part of the system or load items that have been exposed to hydrogen peroxide, please wear the appropriate PPE (chemical-resistant latex, PVC/vinyl or nitrile gloves). Refer to the glove manufacturer's instructions fo use for more information.

References:

1. Actionable Research and ChemDAQ™ Inc, 2016. STERRAD™ 100NX, STERRAD NX™, V-PRO™ 1 Plus and V-PRO™ maX Hydrogen Peroxide Emissions Testing. Research sponsored by ASP.

2. Comparing the Environmental Impacts of STERRAD Sterilization with Competing Approaches Irvine, CA: Advanced Sterilization Products; 2016. Research Sponsored by ASP.

3. Schäfer, B. Decreased number of repairs of rigid scopes as a result of low-temperature sterilization with H_2O_2 gas plasma. International Journal of Sterile Supply. 2009;17(3):194-196.

4. Skogås, JG. Effects of sterilisation methods on rigid endoscopes. Trondheim, Norway: Medical Technology Department, Trondheim University Hospital; 1999.

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.

This guide is not intended to replace the Instructions for Use (IFU). Prior to use, read and follow the full IFU as the featured steps may not include the complete steps of the procedure. Individual surgeon preference and experience, as well as patient needs, should always dictate variation in procedure steps.

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AP-2500834-01-1

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