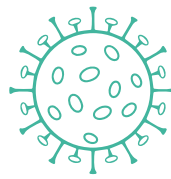
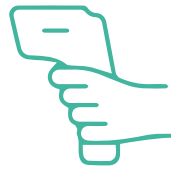




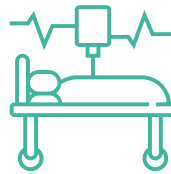
STERRAD™ 100S vs STERRAD™ 100NX with



Approved by ANSM¹ for **total inactivation of prions²** when using Standard and Flex cycle



Enable **traceability** and other advanced features with **ASP Ecosystem³**



Reprocess DaVinci scopes in less than **half time** (24 min vs 55min)⁴

 STERRAD™ 100S

 STERRAD™ 100NX with ALLClear™ Technology

DO **MORE** AND **BETTER**
WITH TECHNOLOGY **UPGRADE!**

STERRAD™ 100S ✗
vs
STERRAD™ 100NX ✓
with ALLClear™ Technology

ENABLE TRACEABILITY AND OTHER ADVANCED FEATURES WITH ASP ECOSYSTEM

The **ASP Ecosystem** comprises innovative technologies that address the burden of compliance, efficiency and safety for instrument reprocessing teams.

STERRAD™ 100NX
STERRAD NX™
with AllClear™ Technology

ASP ACCESS™
Information Sharing
Technology



ASP ACCESS™
Data Station

STERRAD VELOCITY™
BI/PCD System

- CONNECTED DEVICE
TRACEABILITY IN MULTIPLE WAYS.
- AUTOMATIC AND IMMEDIATE
RECONCILIATION OF STERILIZER CYCLE AND BI/PCD RESULTS.
- AUTOMATED **RECORD KEEPING**, ACCESSIBLE AND AUDIT-READY.

ASP™

STERRAD™ 100S ✘
vs
STERRAD™ 100NX ✔

with



Now featuring ALLClear™ Technology, the STERRAD™ 100NX System and the STERRAD NX™ System are products designed to maximize efficiency and compliance* in the CSSD.

REDUCE WORKFLOW INTERRUPTIONS

Fast, accurate detection and correction of load and system issues.



System Check

System diagnostics process completes prior to the sterilization cycle



Moisture Detection & Correction

Automatically detects and removes moisture



Instrument Warming

Plasma transfers energy into the load, removing gas and warming instruments

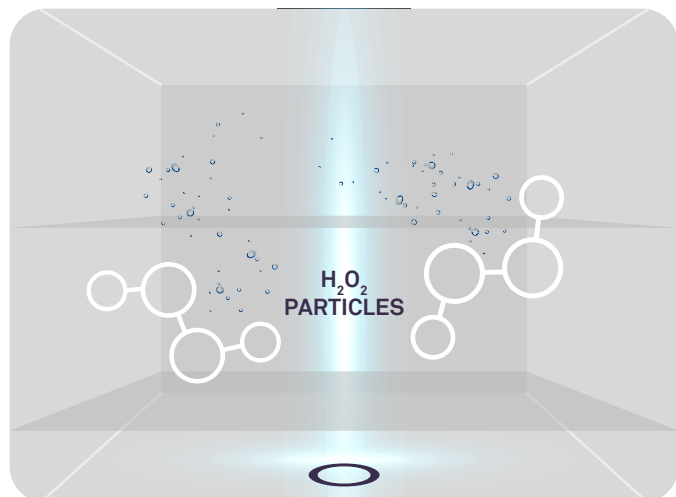


ASP™

IMPROVED PROCESS MONITORING

Physical H₂O₂ concentration monitoring to guarantee sterility assurance - UV lamp inside the chamber.

CHAMBER



↑
"UV" LAMP

			STERRAD™ 100S	STERRAD™ with ALLClear™ TECHNOLOGY
COMPLIANCE / SAFETY	Record keeping	Data saving & Retrieval	No memory	Minimum 200 cycles stored on a CF memory card. Three types of information are stored: - Cycle report (equivalent to the printout ticket) - One Second Data (recording of each parameter) - Graphs
		Connectivity	No connection to a network	Possibility to review and reprint the ticket of one of the last 200 cycles. Possibility to back up the data of a cycle on a USB memory stick in PDF and CSV format.
		Printing	Matrix alphanumeric printer	Possibility to automatically transfer the records of each cycle either to ASP ACCESS™ datastation, or to a server to archive the data of the cycle or to share the data with a tracking system. Possibility to print a ticket on one or both sides of the system and to connect an external A4 format printer to print either a report and/or graphs of the cycles.
	Tracking & Traceability	Load identification	No possibility to identify the load	Possibility to identify the items of the load either using a barcode or RFID scanner, selecting the items from a pre-recorded list, or through a keyboard.
		User identification	User has to manually write his name on the printout ticket	Possibility to identify with the keyboard or a barcode scanner either the user who loads the sterilizer and starts the cycle, the user who unloads the sterilizer or both.
		Biological indicator identification	No possibility to automatically associate a BI to a sterilization cycle	With the ALLClear™ technology, the 100NX allows to associate a BI to each cycle and when associated to ASP ACCESS™ to reconcile the results of the BI with the STERRAD™ cycle.
		Cassette identification	Barcode with expiration date and batch number	RFID tag allowing to identify each unique cassette, to check the expiration date and to monitor the usage of each individual cassette.
	Process Monitoring	Independent Monitoring System	No built-in IMS	A built-in IMS is available as an option. It allows to identify any deviation of the controller parameters.
	Contingency	End of support	The end of support for parts and consumables has been announced	System still manufactured and supported.

			STERRAD™ 100S	STERRAD™ with ALLClear™ TECHNOLOGY	
PROCESS OPTIMIZATION & EFFICIENCY	Ease of Use	User interface & loading	Limited visibility of the LCD display. Limited information displayed (2 lines of 24 characters). Manually operated	Large color touch-screen (12,5") with improved user interface. Hands free loading & unloading through a foot pedal	
		Instrument Throughput	Chamber Configuration	Cylindric chamber	152 Liters rectangular chamber - allows a better distribution of the load vs cylindric chamber
			Lumen claims	Limited lumen claims: A booster can be used when sterilizing long and narrow channels	Improved lumen claims: Concentrated H ₂ O ₂ . No booster needed anymore
	Material Compatibility			DUO Cycle is similar to STERRAD™ 100S LONG Cycle (Optional)	
	Cycle Options		Limited to two types of cycles	Up to 4 different cycles currently available, upgradable with new cycles	
	Cycle time		The shorter cycle is about 55 minutes	The shorter cycle is about 24 minutes	
	Workflow	Integration	Single door system	Single door or Double door. The system can be integrated as a pass-through system.	
	Minimizing Workflow Interruptions	Preconditioning stage	Preparation of the load to optimize the process and prevent cancellation due to the load	With the ALLClear™ technology, preparation of the load to optimize the process, test the components of the system and prevent cycle interruptions.	
	H ₂ O ₂ Concentration	H ₂ O ₂ monitor	The concentration of H ₂ O ₂ is monitored through the measurement of the pressure only	The concentration of H ₂ O ₂ is monitored through a specific H ₂ O ₂ monitor and the measurement of the pressure.	

			STERRAD™ 100S	STERRAD™ with ALLClear™ TECHNOLOGY
PRODUCT LIFE CYCLE	Availability of Spare Parts	Obsolescence of parts	Design and conception from 1992. Some old parts are now obsolete and when they fail, the system needs to be upgraded which impacts the cost of repair.	All parts available for 10 years after announcing the obsolescence of the system.
	Maintenance Cost	Risk of failure	With the age of the system (even more than 20 years), the risk of failure of critical and expensive parts increases (Vac pump, door mechanisms,...)	Latest generation of systems - systems with less than 10 years in use.
	Technical Support	End of support	The end of support for parts and consumables has been announced	System still manufactured and fully supported.

REFERENCES:
 1 <https://ansm.sante.fr/vos-demarches/industriel/liste-des-produits-inactifs-et-format-de-dossier-pour-la-revendication-de-performances-dinactivation>
 2 "Inactivation of Animal and Human Prions by Hydrogen Peroxide Gas Plasma Sterilization" by C. Rogez-Kreuz, PhD; R. Yousfi, M Eng; C. Soufflet, M Eng; I. Quadrio, PhD; Z.-X. Yan, PhD; V. Huyot, BS; C. Aubenque, BS; P. Destrez, MS; K. Roth, PhD; C. Roberts, MS; M. Favero, PhD; P. Clayette, PhD. Published by Infection Control and Hospital Epidemiology in the August 2009, vol. 30, no. 8 issue
 3 Traceability: STERRAD User's Guide REF A11150401 pg.35
 4 Robot: STERRAD User's Guide REF A11150401 pg.19

UPGRADE YOUR STERRAD™ 100S TO A STERRAD™ 100NX with ALLClear™ TECHNOLOGY



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