Trust the Material Compatibility of V-PRO® Sterilizers

The family of V-PRO Sterilizers provides superior material compatibility for your devices including surgical flexible endoscopes and bronchoscopes. Contact your STERIS Representative today.

V-PRO® H_2O_2 STERILIZER COMPARISON TO ASP STERRAD STERILIZERS

Sterilizer	V-PRO® maX 2	V-PRO® 60	STERRAD® 100NX*	STERRAD® NX**	THE V-PRO EFFECT
Chamber Volume (L)	136	60	82.3-93.4	30	Larger usable chamber volume
Sterilizer H_2O_2 Concentration	59%	59%	84-94% 59% Express and DUO	90%	Lower chamber sterilant concentration equals less potential for device damage by hydrogen peroxide reactions.
g per injection/ # pulses	2.1 g / 2 pulses (Fast Non Lumen Cycle) 2.1 g / 4 pulses (All other Cycles)	1.1 g / 4 pulses	6.72 g / 2 pulses 1.9 g / 2 pulses for DUO	2.23 g / 2 pulses	
Theoretical H_2O_2 Concentration	9.1 mg/L	10.8 mg/L	26.1 mg/L 7.5 mg/L for DUO	25.6 mg/L	
Plasma	Not Required	Not Required	Yes	Yes	No plasma to generate secondary reactions that can be detrimental to top layers of sterilized devices.++
Chamber Temperature (°C)	50	50	<55	<55	Device temperatures are lower than in gas plasma sterilizers.
Cycle times (min)	16 - Fast Non Lumen 28 - Non Lumen 35 - Flexible 52 - Lumen	28 - Non Lumen 38 - Flexible 60 - Lumen	24 – Express 42 – Flex 47 – Standard 60 – DUO	38 – Advanced 28 – Standard	Faster device processing times
Sterilant Exposure Times(min)	7.5 - Fast Non Lumen 12 – Non Lumen 12 – Flexible 32 – Lumen	9+ – Non Lumen 32+ – Lumen 9+ – Flexible	6 – Express 17 – Flex 17 – Standard 32 - DUO	15 – Advanced 7 – Standard	Lower total dose equals less potential for device damage by hydrogen peroxide reactions.***
Total Dose (mg/L x exposure time)	68 - Fast Non Lumen 109 – Non Lumen 109 – Flexible 291 – Lumen	97 - Non Lumen 346 - Lumen 97 - Flexible	157 – Express 444 – Flex 444 – Standard 238 - DUO	384 – Advanced 179 – Standard	

V-PRO® maX 2 Low Temperature Sterilization System

One Integrated Approach to Healthcare.

*K071385 STERRAD 100NX; K092622 STERRAD 100NX Express Cycle; K111377 STERRAD 100NX DUO Cycle.
**ASP STERRAD NX Data Sheet AD -52368-US_E; K042116 STERRAD NX.
***V-PRO Sterilizer total dose is less than the comparable STERRAD cycle, except for the NX standard cycle.

+Prime Injection: First sterilant injection of 1st and 3rd sterilization pulses where sterilant is injected while sterilizer vacuum actively evacuates chamber. There is no set exposure time.

++STERRAD NX Technical Information AD-52972 Rev A
STERRAD NX Technical Information AD-54083-001 Rev B

Chamber volume does not include volume loss due to the plasma coil in the STERRAD Sterilizer.

STERRAD® and STERRAD NX® are trademarks of Johnson & Johnson Corporation.

Document# M3644EN2012-10, Rev. B
©2015 STERIS Corporation.
All rights reserved. Printed in USA.

STERIS
www.steris.com