

COMPARISON GUIDE

V-PRO® STERILIZATION SYSTEM



V-PRO® maX 2

STERIZONE® VP4

STERRAD® 100NX

Chamber Volume (L)	136	125	82.3 - 93.4
Sterilant Concentration	59% Hydrogen Peroxide (H ₂ O ₂)	50% H ₂ O ₂ and 2 mg/L Ozone	84-94% H ₂ O ₂ Standard/Flex; 59% H ₂ O ₂ Duo/Express
Cycle Time* (minutes)	16 Fast Non Lumen 28 Non Lumen 52 Lumen 35 Flexible	~46 to 60 (One cycle with 9 different load configurations)	24 Express 47 Standard 42 Flex 60 Duo
Sterilization Temperature (°C)	50	41	< 55
Footprint (W x D x H)	33" x 38 3/4" x 72"	30.5" x 48.6" x 75.5" (not incl. loading cart)	30.5" x 40" x 70.5"
Utilities and Install Requirements	208V	208V, Oxygen Tank and Supply Lines	208V
Catalytic Converter	Yes	Yes	Yes
Dry loads required, per labeling	Yes	Yes	Yes
Wrap	Halyard Medline Cardinal	None listed in IFU	Halyard Medline Cardinal
Container	Aesculap Genesis Case Medical	Case Medical	Aesculap Genesis Case Medical
Tray	PRO-LITE™ Sterilization Trays Summit Medical Trays	None listed in IFU	Aptimax Trays Summit Medical Trays
Tyvek® Spun Bound Pouch	Yes	None	Yes
Biological Indicator	Yes	Yes	Yes
Chemical Indicator Tape	Yes	None	Yes
Chemical Indicator	Yes	Yes	Yes

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Claims

	V-PRO® maX 2	STERIZONE® VP4	STERRAD® 100NX
Stainless Steel Lumen, Single Channel	≥ 0.77 mm x ≤ 500 mm (Lumen)	≥ 0.7 mm x ≤ 500 mm	≥ 0.7 mm x ≤ 500 mm (Standard)
Stainless Steel Lumen, Dual Channel	≥ 0.77 mm x ≤ 527 mm (Lumen)	≥ 0.7 mm x ≤ 500 mm	NA
Stainless Steel Lumen, Triple Channel	≥ 1.2 mm x ≤ 275 mm ≥ 1.8 mm x ≤ 310 mm, OR ≥ 2.8 mm x ≤ 317 mm (Lumen)	NA	NA
Max Lumens / Load	20 (Lumen)	15	10 (5 per tray) (Standard)
Flexible Endoscope, Single Channel	≥ 1 mm x ≤ 1050 mm (Flexible) (Max 2 per load)	≥ 1 mm x ≤ 850 mm (Max 3 per load)	≥ 1 mm x ≤ 850 mm (Flex) (Max 2 per load) ≥ 1 mm x ≤ 875 mm (Duo) (Max 2 per load)
Flexible Endoscope, Dual Channel	≥ 1 mm x ≤ 990 mm ≥ 1 mm x ≤ 850 mm (Flexible) (Max 2 per load)	≥ 1 mm x ≤ 989 mm ≥ 1 mm x ≤ 850 mm (Max 2 per load)	NA
Flexible Endoscope, Multi-channel	NA	≥ 1.2 mm x ≤ 1955 mm ≥ 1.45 mm x ≤ 3500 mm (Max 1 per load)	NA
Maximum Non-Lumen Load	50 lbs (Non-Lumen) 11 lbs (Fast Non Lumen)	75 lbs	21.7 lbs (Standard)
Total H₂O₂ Dose (mg/L x exposure time)	68 - Fast Non Lumen 109 - Non Lumen, 109 - Flexible, 291 - Lumen	571-2880 + Ozone total of 20 mg/L x min	157 - Express, 444 - Flex 444 - Standard, 238 - Duo
Major OEM endorsements from Olympus®, Intuitive Surgical®, Karl Storz®, Stryker® for devices such as:			
Surgical Instruments	Yes	No	Yes
Rigid Endoscopic Devices	Yes	No	Yes
Flexible Endoscopes	Yes	No	Yes
Devices that Contain Glass	Yes	No	Yes

One Integrated Approach to Healthcare.

* Cycle time varies with load
TSO3 References

1. 510(k) Summary, K141163
2. CRC Handbook of Chemistry and Physics 71st ed.
3. Sterizone VP4 Technical Monograph- MA-200-045 r0
4. Sterizone VP4 Brochure- MA-200-035 r5

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STERRAD information per AD-054051-01-US (STERRAD 100NX Cycle Selection Wall Chart) and AD-54963-01-US (What Can I sterilize in the STERRAD® 100NX System?)
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