

Enbio S vs. SciCan Statim 2000S — Head-to-Head

Full spec-for-spec comparison, sourced directly from the Enbio S technical specifications and SciCan's own official STATIM 2000S/5000S product page (scican.com/eu). Where SciCan's own published data reveals a meaningful gap, it's called out directly.

Spec	Enbio S	Statim 2000S
Sterilization class	True Class B (fractionated vacuum)	Proprietary “S cycle” — not Class B (SciCan sells a separate dedicated Class B unit, the STATIM 6000B)
Fastest cycle (incl. drying)	7 min, fully dry	6:45 min sterilization only — SciCan's own spec sheet lists cycle times “without drying time”
Standard wrapped cycle (incl. drying)	15 min, fully dry	10:40 min sterilization only (Hollow Wrapped), drying time additional and unpublished
Chamber / cassette capacity	0.7 gal (2.7L), up to 8 pouches	Cassette tray: 28cm x 18cm x 3.5cm — single thin-wall cassette, not a multi-pouch chamber
External footprint	22.0"L x 9.8"W x 6.3"H	19.1"L x 16.3"W x 5.9"H (48.5 x 41.5 x 15cm)
Weight	33 lb (15 kg)	46.3 lb (21 kg) without water
Water system	Closed system + Magic Filter: up to 1,000 cycles per 1 liter	4.0L reservoir, single-use water — approx. 40 cycles per fill
Cycle data logging	Automatic USB logging, built-in	Not specified on the 2000S/5000S product page (WiFi/data logging is a feature of SciCan's separate G4 product line)
Power consumption	15A, 1,800W	6A @ 220-240V (EU spec); 11A @ 100-110V (US spec)
Warranty	2 years	Not published on this product page
Price	\$3,898 (DentalMarketplace)	No published MSRP — sold via authorized dealer network, quote required

The Real Story Behind the Cycle Times

SciCan's own published Statim 2000S/5000S specification table labels every cycle time as “Total Cycle Time (without drying time).” That means the 6:45-minute figure for a solid unwrapped load doesn't include getting instruments dry and ready to handle — drying is an additional, unpublished step. Enbio S's 7-minute FAST cycle and 15-minute standard cycle are both sterilization **and** drying, start to finish. When comparing “fastest autoclave” claims, this is the number that actually matters to a practice's real turnaround time between patients.

Class B vs. “S Cycle”

The Statim 2000S and 5000S run SciCan's own proprietary “S cycle” technology, validated as an air-removal method distinct from EN 13060 Class B fractionated vacuum sterilization — not the same classification. SciCan makes this distinction themselves: their dedicated Class B product is a separate unit, the STATIM 6000B. Enbio S is Class B from the ground up, meaning it's rated to fully penetrate and sterilize complex hollow, porous, and multi-layered instrument loads that Class B is specifically designed to handle.

Statim 2000S specifications sourced directly from SciCan's official EU product page (scican.com/eu/products/autoclaves/statim-2000s-5000s), current as of mid-2026. US electrical rating cross-referenced against an authorized dealer listing. No published new-unit MSRP was located for the Statim 2000S; SciCan sells through an authorized dealer network requiring a quote. Full source list available in the Product Factory QA Report.