

## AutoFlow<sup>TM</sup> SB

# Sequential batch sterilization of simple biowaste streams.

**Designed specifically for laboratory users, including:** research, virology, vaccine, GMO, CMO, forensic, hospitals, clinics, isolation units, and mobile laboratories.

Sequential batch design allows for centralized collection and treatment of liquid from different sources (sinks, showers, washers, sterilization units, process waters) from single-suite pilot plant labs to large, multi-user facilities.



## PRODUCT TREATED

Laboratory / Pilot Plant Biowaste Effluent for Biosafety Classifications up to BSL-3+

## SYSTEM OVERVIEW

- Fully automated, Sequential Batch EDS technology
- Effluent sterilization with adjustable Treatment Temperature up to 140°C (285°F)
- Fully automated operation: AutoFlow<sup>TM</sup> technology
- Designed for the safety of laboratory staff - no operator contact with hazardous liquid during operation
- PLC-controlled treatment and cleaning cycles
- Modular, compact design, assembled and tested
- Compliant with European, American and other international standards
- Simple utility connections allow for unit mobility
- Power and control cabinet (including PLC and touchscreen)
- Constructed out of materials and components that are safe for lab maintenance cleaning solutions
- Simplistic design for reduced maintenance
- Leak detection system: alarms and visual controls
- Automatic stop of the waste discharge in case of energy failure
- Recording of the treatment cycles
- Low energy consumption - environmentally friendly system

## TECHNICAL SUMMARY

Biosafety Class:	BSL-2, BSL-3, BSL-3+
Flow Rate (Daily):	from 20 to 4000 L (5 to 1050 Gal)
Power:	440v / 480v / 600v 1ph/3ph to meet site requirements
Compressed Air:	6-7 bar (85-100 psi)
Controls:	PLC, color touchscreen HMI Data logging of cycles

## AVAILABLE IN MANY SIZES

from 75 L to 4000 L per day



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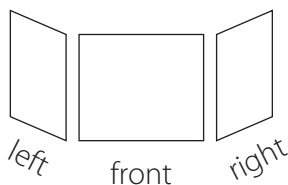
Sequential batch sterilization of simple biowaste streams.

MODEL	DAILY CAPACITY	A	B	C	HEAT SOURCE
AFs-500	500 L (132 Gal)	1651 mm (65 in)	864 mm (34 in)	2159 mm (85 in)	ELECTRIC
AFs-1000	1000 L (264 Gal)	1828 mm (72 in)	1168 mm (46 in)	2438 mm (96 in)	ELECTRIC
AFs-2000	2000 L (528 Gal)	2438 mm (96 in)	1701 mm (67 in)	2438 mm (96 in)	ELECTRIC or STEAM
AFs-4000	4000 L (1057 Gal)	2692 mm (106 in)	1701 mm (67 in)	2438 mm (96 in)	ELECTRIC or STEAM

All dimensions and capacities are approximate and may vary depending upon customer requirements.



### Views Shown:



**Biowaste Sterilization | Solvent Wash & Recovery | Custom Process Skids | Service**

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