

Sterilization & Life Science Solutions

LABSCI

Laboratory Steam
Sterilizers Series

Laboratory



LabSci tabletop autoclaves



Plastic



Liquids



Unwrapped
Instruments



Glass

LabSci 11L-28 Liter ■ LabSci 15L-65 Liter ■ LabSci-15+L -85 Liter

2 Year warranty | Free internal printer

Designed to autoclave everything in your lab, including liquids.

- No water utility connections needed, just plug in and add water.
- Two integrated temperature probes for complete sterilization of liquids
- Four validated cycles (glass, plastic, liquid A and liquid B-waste).
- Stores up to 200 past cycles you can open on your PC
- Create up to 16 custom cycles
- Trays Included

Options that are available on all tabletop “LabSci” models include: Warming (95° to 104°C), Isothermal (80° to 94°C) F₀, 21CFR with R.P.C.R software

	LabSci 11L	LabSci 15L	LabSci 15+L
Chamber Volume (L)	28	65	85
Max Available Height (in)	9”	12.1”	12.1”
Chamber Dimension (in) (Øxd)	11” x 18”	15” x 19.7”	15” x 27.2”
External Dimensions (in) (wxhxd)	20.9” x 17.3” x 24.8”	28.3” x 21.3” x 30.1”	28.3” x 21.3” x 37”
Power	230V, 1 phase (60 Hz) NEMA 6-15 	230V, 1 phase (60 Hz) NEMA 6-20 	230V, 3 phase (60 Hz) NEMA L15-20 
Utilities	No plumbing required	No Plumbing Required	No plumbing required
Stainless Steel Stand	N/A	Free with Autoclave	Free with Autoclave

Erlenmeyer Flask (ml) Loading Capacity

	250	500	1000	2000	3000	5000
LabSci11L	1x9	1x4	3	0	0	0
LabSci15L	1x17	1x11	1x6	1x3	0	0
LabSci15+L	1x23	1x17	1x10	1x5	0	0

Schott-Duran Flasks (ml) Loading Capacity

	250	500	1000	2000	3000	5000
LabSci11L	1x12	1x9	1x5	0	0	0
LabSci15L	1x27	1x16	1x11	1x6	0	0
LabSci15+L	1x36	1x23	1x18	1x9	0	0

LabSci vertical autoclaves



Plastic



Liquids



Unwrapped Instruments



Glass

2 Year warranty | optional external thermal printer

Designed to autoclave everything in your lab, including liquids.

LabSci 60LV and LabSci85LV were developed especially for educational institutions and research facilities. Designed with simplicity and economy in mind.

These vertical floor-standing autoclaves cover the fundamental needs for general lab sterilization with the aim of increasing the **productivity** of your laboratory.

Offering high capacity, together with the **optimization** of resources such as water, power and operating time.

An affordable and reliable solution you can count on for managing your laboratory **workload**.

	LabSci 60LV, 60 Liters	LabSci 85LV, 85 Liters
Chamber Volume (L)	60	85
Weight (lbs.)	244.7 lbs.	264.5 lbs.
Chamber Dimensions (in) (Øxd)	15.4" x 19.9"	15.4" x 27.6"
External Dimensions (in) (wxhxd)	25.4" x 38.8" x 31.9"	25.4" x 38.8" x 31.9"
Power	220-240V, VAC, Single Phase, 3000W, 13.1 Amps, (50-60 Hz)	220-240V, VAC, Single Phase, 5400W, 22.3 Amps, (50-60 Hz)
Wastewater tank	3 Liters	3 Liters
Cooling water tank	6 Liters	6 Liters
Maximum Allowable Working Pressure	40.6 psi	40.6 psi
Power	NEMA L6-20P 	NEMA L6-30P 

Erlenmeyer Flask (ml) Loading Capacity

	250	500	1000	2000	3000	5000
LabSci60LV	13 x 2	8 x 2	5 x 1	3 x 1	0	0
LabSci85LV	13 x 3	8 x 3	5 x 2	3 x 2	0	0

Schott-Duran Flasks (ml) Loading Capacity

	250	500	1000	2000	3000	5000
LabSci60LV	19 x 2	12 x 2	8 x 1	4 x 1	0	0
LabSci85LV	19 x 3	12 x 3	8 x 2	4 x 2	0	0



LabSci 60LV, 60 Liters



LabSci 85LV, 85 Liters



LabSci thermal barcode printer



Tuttnauer LabSci sterilizer series

Choosing the right steam autoclave depends on several considerations: the type of loads, frequency of use, available services and load volumes. The Tuttnauer LabSci autoclave series successfully meets the challenges posed by sterilization in laboratories and research institutes.

Tabletop 28 Liters - 85 Liters		LabSci 11L	LabSci 15L	LabSci 15+L	
Advantages	▪ Easy to install ▪ Simple to operate ▪ Saves Space ▪ No Plumbing Required ▪ Fast Processing ▪ Ideal for small-medium research labs	✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓	 Plastic
Description	▪ 16 custom cycles ▪ Cycles are fully automated ▪ 2 Integrated Temperature probes ▪ Four validated cycles (glass, plastic, liquid A and liquid B-waste)	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	 Liquids
Vertical Laboratory Autoclaves 60 Liters, 85 Liters			LabSci 60LV	LabSci 85LV	
Advantages	▪ Easy to install ▪ Simple to operate ▪ No Plumbing Required ▪ Perfect for Large horizontal objects like Bioreactors		✓ ✓ ✓ ✓	✓ ✓ ✓ ✓	 Unwrapped Instruments
Description	▪ Two integrated temp probes ▪ Four validated cycles (solid, solid-delicate, liquid sealed, liquid unsealed) ▪ Create up to 16 custom cycles		✓ ✓ ✓	✓ ✓ ✓	 Glass

All of our sterilizers incorporate advanced technological features to provide safe and validated sterilization:

- All liquid capable sterilizers include temp probes preventing boil-over and ensuring proper sterilization
- Customizable cycles (could be saved on the system and not re-entered each time).
- R. PC. R software is available on tabletop LabSci models.
- Vertical LabSci models are Wi-Fi enabled, and include T-Connect - traceability software, for cloud documentation.



Tuttnauer USA Co. Ltd.
345 Oser Avenue, Hauppauge, NY 11788
Tel: +800 624 5836, +631 737 4850, Fax: +631 737 0720
E-mail: info@tuttnauerUSA.com, www.tuttnauer.com/us

Learn from our experts.
Visit our blog: tuttnauer.com/blog

