Tuttnauer
Innovation · Legacy · Partnership

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) F_0, 21CFR with R.PC.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

LabSci 60LV, 60 Liters

Plastic | Liquids | Unwrapped Instruments | Glass

2 Year warranty | optional external thermal printer

LabSci 85LV, 85 Liters

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 thermal barcode printer

	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

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	✓	✓	✓
Description	16 custom cycles	✓	✓	✓
	Cycles are fully automated	✓	✓	✓
	2 Integrated Temperature probes	✓	✓	✓
	Four validated cycles (glass, plastic, liquid A and liquid B-waste)	✓	✓	✓
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		✓	✓
Description	Two integrated temp probes		✓	✓
	Four validated cycles (solid, solid-delicate, liquid sealed, liquid unsealed)		✓	✓
	Create up to 16 custom cycles		✓	✓

Plastic

Liquids

Unwrapped Instruments

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.

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