



LUCAS
Lifecare

Innovating For Better Health

Meet **LifeUltra**—the next-generation tabletop autoclave by Lucas Lifecare, engineered for efficient, high-performance sterilization in a compact 25L form factor.

LifeUltra™ ensures "Critical Sterility with Compact Versatility."

Contact Us:



1-833-239-1001



LifeUltra™

Powerful. Unique. Revolutionary.



The Gold Standard in Autoclaves



25L Chamber
In-Built Water Distiller
B | S | N Class
Robust Air-Water-Steam System

SPECIFICATIONS

Programs	Gravity sterilizing	N134 universal N121 universal N134 unwrapped flash N134 wrapped flash
	Vacuum sterilizing	B134 universal B121 universal B134 prion S134 universal S121 universal
	Custom sterilizing	Class Temperature Sterilizing time Drying time
	Test programs	Bowie & Dick Helix Vacuum function
	Other programs	Descaling water Still
Electric	Voltage input	115 V ~ 125 V AC 60 Hz
	Current drawn	18 A 1 Ø
	Nominal power rating	1950 VA
	Electric connector	C20 Socket C19 Plug (IEC:60320) earthed & polarized
	Electric circuit breaker	20 A
	Thermal circuit breakers	392°F Water Still & Chamber 482°F Steam Generator
	Insulation class	Class A
Air, Water & Steam	Bacteriological air filter	0.027 micron porosity 1/8" male NPT connector
	Particulate water pre-filter	10 microns Sediment Filter
	Municipal feed water	≤500 ppm TDS (780 µS/cm conductivity at 68°F)
	Manual feed water	≤9 ppm TDS (15 µS/cm conductivity at 68°F)
	Feeding water tanks	3 L
	Recirculating water tanks	2 L
	Water distilling rate	760 mL/h (peak)
	Water drain and overflow	1000 mL/min 140°F ~ 200°F
Dimensions & Weights	Shipping dimensions	30 x 31x 28 (WxHxD) inches
	Shipping volume	426 L
	Shipping weight	230 lb
	Device dimensions	24x 20x 25 (WxHxD) inches
	Device volume	196 L
	Device laden weight	226 lb (with full tanks and trayed chamber)
	Chamber dimensions	10.8" dia x 15.8" depth
	Chamber volume	about 25 L
	Maximum chamber load	24 lb
	Chamber loading	15" x 6.0" (2 trays 3 lb per tray) 15" x 8.5" (2 trays 4 lb per tray) 15" x 9.5" (2 trays 5 lb per tray) 15" x 9.0" x 1.6" (3 cassettes 6 lb per cassette)
Features	Display Interface	4.8" graphic monochrome 240 x 128 pixel backlit LCDisplay
	Control Interface	3 discreet navigation Buttons and 1 discreet selection Button
	Hard copy Output	Thermal Printer with 2¼" (57 mm) spill-proof Paper roll Holder & integrated manual Cutter
Environment	Installation category	Cat. II (EN 61010-1 : 2010 + A1 :2019)
	Operating conditions	60°F ~ 95°F 20% ~ 80% non - condensing RH 10 ACPH
	System max temperature	282°F
	System max gauge pressure	250 kPa(g)
	System min gauge pressure	- 80 kPa(g)
	Noise emission	≤67 db (A)
	Operating mode	Indoor Stationary Tabletop
	Counter proportions	30" width x 23" height x 26"depth (minimum)
	Installation height	30" ~ 36"

Standards: This medical and laboratory electrical equipment confirms to these technical standards for safety and performance:

ANSI/AAMI ST 55 : 2016
IEC 61010-2-040 : 2021
ASME BPVC Sec VIII, Div I : 2019

EN 61010-1:2010 + A1 : 2019
EN IEC 61326-1 : 2021
FCC Part 15B



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