

Safe & Easy
Operation

equitron®

Autoclave SLEFA Series

With five decades of experience in steam pressure sterilisation, **EQUITRON SLEFA Series** top loading autoclave is the ideal companion for the modern microbiologist.



Leakproof sealing with
registered gasket design

Over pressure safety

Safe and sturdy chamber
manufactured to ASME
standards in SS 304

Low water level cut off

Independent safety for over
temperature

Saves Power bills by
20~30%

Abrasion resistance and
durable finish by heat cured
epoxy coating on steel
exterior / SS 304 for "SS"
models

Convenient and fast single
locking of lid

Heater and pressure
interlock for lid lock safety

Effortless lifting of lid with
assisted support

Dual scales of psi and kPA
with temperature readout on
pressure gauge

Automatic purging and
exhaust

Accurate temperature control
with user level flexibility.
Displays process and set
values multaneously

Electrical on/off safety
switch

Easy draining of chamber

Easy manoeuvrability and
placement



equitron® SLEFA Series Autoclaves are ideal for Pharma, QC, QA, Micro, R&D, Chemical Plants, Bio-Labs, Water & Air Pollution Labs, Fisheries, Mineral Water Plants, Food, Beverage & Distilleries, Flight Kitchens, Mass Kitchens and Hygiene Dept at Five Star Hotels



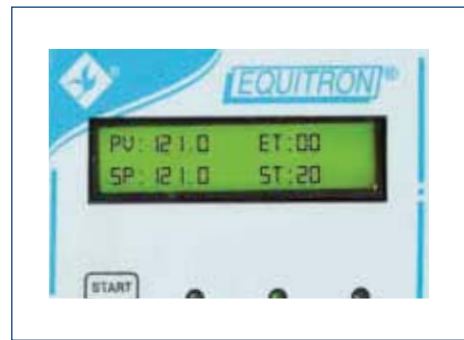
UTILITIES REQUIRED

Electric supply: 230 VAC 50 Hz, single phase

Exhaust / drain line: capable of handling steam temperatures up to 135°C

Distilled water

Well ventilated room: with space of at least two feet on right side and one foot on back side



Technical Data

Model	Unit	#7421SLEFA	#7431SLEFA	#7440SLEFA	#7441SLEFA	#7451SLEFA	#7423SLEFA	#7433SLEFA	#74403SLEFA
				#7440SLEFA-SS	#7441SLEFA-SS	#7451SLEFA-SS			
Capacity	L	35	53	75	113	180	35	53	75
Working Chamber Dimensions	mm	Ø 300 x 500	Ø 350 x 550	Ø 400 x 600	Ø 450 x 710	Ø 550 x 760	Ø 300 x 500	Ø 350 x 550	Ø 400 x 600
Loading Type	-	TOP							
Construction	-	-	External Structure of Steel, duly epoxy coated, rest SS 304						
		SS	Fully SS construction						
Carrier Dimensions	mm (nos)	Ø 250 x 450 (1) with separator	Ø 300 x 500 (1) with separator	Ø 350 x 550 (1) with separator	Ø 400 x 330 (2)	Ø 500 x 350 (2)	Ø 250 x 450 (1) with separator	Ø 300 x 500 (1) with separator	Ø 350 x 550 (1) with separator
Dressing Drum (Optional)	mm (inch) part code	Ø 270 x 220 (11 x 9") #S0082-15 (2 required)	Ø 330 x 280 (13 x 11") #S0082-20 (2 required)	Ø 380 x 300 (15 x 12") #S0082-25 (2 required)	Ø 380 x 300 (15 x 12") #S0082-15 (2 required)	Ø 500 x 350 (20 x 14") #S3084-30 (2 required)	Ø 270 x 220 (11 x 9") #S0082-15 (2 required)	Ø 330 x 280 (13 x 11") #S0082-20 (2 required)	Ø 380 x 300 (15 x 12") #S0082-25 (2 required)
Heater Power	kW	2.5	2.5	2.5	3.5	5.0	2.5	2.5	2.5
Temperature Range upto	°C	122.0	122.0	122.0	122.0	122.0	135.0	135.0	135.0
Operating Pressure	Psi / kPA	15 / 103.4	15 / 103.4	15 / 103.4	15 / 103.4	15 / 103.4	30 / 206.8	30 / 206.8	30 / 206.8
Duty Cycle	-	Four cycles in eight hour shift with a 30 minute cooling period							
Erlenmeyer Flasks capacity 250 ml	nos	5 x 2	8 x 2	9 x 2	14 x 2	22 x 2	5 x 2	8 x 2	9 x 2
Erlenmeyer Flasks capacity 500 ml	nos	3 x 2	5 x 2	7 x 2	9 x 2	14 x 2	3 x 2	5 x 2	7 x 2
Erlenmeyer Flasks capacity 1000 ml	nos	1 x 2	3 x 2	4 x 2	5 x 2	9 x 2	1 x 2	3 x 2	4 x 2
Duran Bottles capacity 250 ml	nos	8 x 2	11 x 2	16 x 2	21 x 2	34 x 2	8 x 2	11 x 2	16 x 2
Duran Bottles capacity 500 ml	nos	5 x 2	8 x 2	9 x 2	14 x 2	22 x 2	5 x 2	8 x 2	9 x 2
Duran Bottles capacity 1000 ml	nos	3	5 x 2	7 x 2	9 x 2	14 x 2	3	5 x 2	7 x 2
Outer Dimensions (WxDxH)	mm	550 x 390 x 850 + 300	595 x 445 x 895 + 355	670 x 490 x 870 + 400	725 x 545 x 1050 + 470	825 x 650 x 1080 + 580	550 x 390 x 850 + 300	595 x 445 x 895 + 355	670 x 490 x 870 + 400
Packing Dimensions (WxDxH)	mm	820 x 610 x 1170	870 x 670 x 1230	970 x 720 x 1290	1020 x 770 x 1350	1150 x 890 x 1420	820 x 610 x 1170	870 x 670 x 1230	970 x 720 x 1290
Gross Weight	kg	71	81	97	121	150	60	81	101
Options	-	Chart Recorder - #CR: Dia 150 mm, 90 ~ 140 deg C, 4 hrs / 1 rev							

All electrical appliances work on 230VAC, 50Hz, single phase. Other Voltages available on request.
Due to continuous improvement in design, the product supplied may have modified features.

