

Safe & Easy  
Operation

**EQUITRON**<sup>®</sup>

## AUTOCLAVE SLEFA Series

With five decades of experience in steam pressure sterilisation, Medica's *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



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. Dis-  
plays process and set values  
simultaneously

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:** 230VAC, 50Hz, single phase

**Exhaust / drain line:** capable of handling steam temperatures up to 135 deg 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
Capacity	L	35	53	75	113	180	35	53
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
Loading Type	-	Top						
Carrier Dimensions	mm (nos)	Ø 250 x 450 (1) with separator	Ø 400 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 400 x 500 (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") #S0082-25 (2 required)	NA	Ø 270 x 220 (11 x 9") #S0082-15 (2 required)	Ø 330 x 280 (13 x 11") #S0082-20 (2 required)
Heater power	kW	1.8	2.25	3.0	3.5	5.0	3.0	3.0
Temperature Range upto	°C	122.0	122.0	122.0	122.0	122.0	134.0	134.0
Operating Pressure	Psi / kPA	16 / 110.3	16 / 110.3	16 / 110.3	16 / 110.3	16 / 110.3	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
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
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
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
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
Duran Bottles capacity 1000 ml	nos	3	5 x 2	7 x 2	9 x 2	14 x 2	3 x 2	5 x 2
Outer Dimensions (WxDxH + lid open)	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
Packing Dimensions (WxDxH)	mm	760 x 610 x 1190	810 x 660 x 1170	910 x 740 x 1300	970 x 790 x 1350	1070 x 890 x 1400	760 x 610 x 1190	810 x 660 x 1170
Gross Weight	kg	92	102	124	156	195	92	102
Options	-	Chart Recorder - #CR: Dia 150 mm, 90 ~ 140 deg C, 4 hrs / 1 rev						