

## 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 / 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 simultaneously*

*Electrical on/off safety switch*

*Easy draining of chamber*

*Easy manoeuvrability and placement*



equitron<sup>®</sup> 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



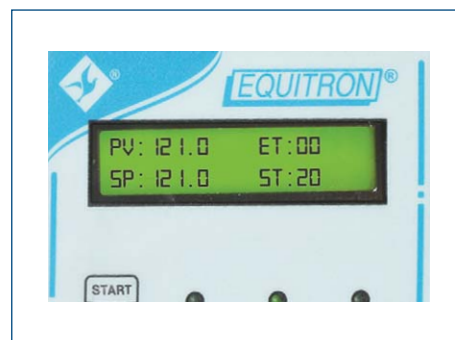
## UTILITIES REQUIRED

**Electric Supply:** 230VAC, 50Hz, single phase

**Exhaust / drain line:** capable of handling steam temperatures up to 135 °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 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	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") #S0082-25 (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)	Ø 380 x 300 (15 x 12") #S0082-25 (2 required)
Heater power	kW	1.8	2.25	3.0	3.5	5.0	3.0	3.0	3.5
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 x 2	5 x 2	7 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	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 230V AC, 50Hz, single phase. Other Voltages available on request. Due to continuous improvement in design, the product supplied may have modified features.



## Medica Instrument Mfg Co

105, Vasan Udyog Bhavan, Sun Mill Compound,  
Lower Parel (W), Mumbai 400013, India.  
T: +91 22 6618-9999 • F: +91 22 6618-9996  
E: [medica@medicainstrument.com](mailto:medica@medicainstrument.com)  
W: [www.medicainstrument.com](http://www.medicainstrument.com)



0157\_1509-1-2