



For economic, safe & assured sterilization

EQUITRON®

AUTOClave - SLE SERIES **Fully Automatic**



Applications:

- ◆ The SLE series Autoclaves are suitable for a wide range of applications wherein fast and assured sterilisation is required.
- ◆ 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, Five Star Hotels, Hospitals, Nursing Homes & Specialty Doctors.

EQUITRON Advantages:

- ◆ Unique single lever lock for lid with single hand opening.
- ◆ Microprocessor Based Control ensures repeatability & a high accuracy.
- ◆ Conformance to National & International Standards.

Construction:

The SLE range, like all EQUITRON FA Autoclaves, is designed for ease of use and dependability and is manufactured under strict supervision. Each & every chamber is hydrostatically tested as per standards. Rigorous inspection standards and traceable calibration reports ensure that the SLE range will deliver dependable performance.

- ◆ Internal Chamber and lid along with all wetted parts fabricated from Stainless Steel.
- ◆ Single lever pronged closure system (Patent under progress) with patented Silicone Gasket (registered design No. 208774.)
- ◆ External vertical panels of MS duly heat cured epoxy coated.
- ◆ Easy lift and closing of the lid by assisted support.
- ◆ Castors for ease of movement.
- ◆ Flexible sensor enables in-situ control and monitoring of cycles.
- ◆ Documenting options available.

Control System:

At the heart of SLE series is a secure microprocessor controller which provides high control accuracy along with user level flexibility for sterilizing various types of loads efficiently.

Safety:

Every single Autoclave chamber is hydrostatically tested to 1.5 times its operating pressure. Inspection as per set standards are carried out by qualified engineers at the raw material inward stage, mid process stage and during final tests and calibrations.

- Low water detection.
- Spring loaded safety valve for over pressure.
- Pressure interlock on door.
- Audio & Visual alarms for sensor open and low water level.
- MCB for electrical safety.
- Independent over temperature safety cut out.

Installation:

- As the power requirement is single phase, installing the Autoclave is simple and straightforward.





DOCUMENTING OPTIONS FOR SLE SERIES

#GSDOP3P Simultaneous Display with Online printing of 3 temperature channels with 1 F₁ + 1 pressure channel to external DMP

- Independent display of three sensors - plus one pressure sensor - allows monitoring and online documenting.
- Header with preset Company Name.
- Automatic four digit sequential batch numbering, with manual over-ride facility.
- Print interval user settable from 12 to 999 seconds.
- Prints with date, time, set point, process temperature of 3 temperature channels & F₁ of Channel A, plus pressure channel.
- Prints to any compatible 80 / 132 column dot matrix printer. (Printer is not part of standard supply).



#SP3P Scanner - 3 temperature channels + 1 Pressure channel - with built in 18 column DMP

- Independent scanning of three flexible sensors plus one pressure sensor - allows in-situ monitoring and printing.
- Built-in 18 column impact printer - uses normal calculator paper roll - thus saving on paper costs as well as giving a long shelf life of data.
- Scans through the channels at preset time intervals.
- Prints online every one minute with time and date.



#SCRT4P Strip Chart Recorder (Point type) 4 temperature & 1 pressure channel

- The #SCRT4P is a compact recorder with a recording width of 100mm.
- Independent documenting by point method of 4 temperature & 1 pressure channels.
- The Recorder has a high speed of 6 dot / 10 sec.
- Highly reliability due to heavy duty voltage semiconductor.
- Pen servo unit uses ultra-small stepping motors.
- The measured value, channel number, alarm status and date/time display are provided with 7 segments LED display.



SPECIFICATION & ORDERING DETAILS

Model *	Working Chamber Size (Ø x D) / Capacity	Carrier (Ø x D)	External Dimension L/B/H in mm	App. Shipping Details Net / Gr. / Volume
#7421SLE-	30 x 50 cm / 35 lt	1 of Ø25 x 45 cm	550 x 390 x 850+300	50 kg / 92 kg / 0.51 m ³
#7431SLE-	35 x 55 cm / 53 lt	1 of Ø30 x 50 cm	595 x 445 x 895+355	62 kg / 102 kg / 0.65 m ³
#7440SLE-	40 x 60 cm / 75 lt	1 of Ø35 x 55 cm	670 x 490 x 870+400	74 kg / 124 kg / 0.80 m ³
#7441SLE-	45 x 71 cm / 113 lt	2 of Ø40 x 33 cm	725 x 545 x 1060+470	95 kg / 156 kg / 1.10 m ³
#7451SLE-	55 x 76 cm / 180 lt	2 of Ø50 x 35 cm	825 x 650 x 1080+580	121 kg / 195 kg / 1.33 m ³

* Add documenting option suffix GSDOP3P, SP3P or SCRT4P wherever required.

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.

MultiLab

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