

# AUTOMATIC DISTILLER

## CABINET MODEL SERIES

SIMTRONICS



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**Automatic Distiller, Cabinet - Series** is ideal for procuring ultra high purity water for demanding applications in the laboratory / tissue culture work. It incorporates several safety devices for optimum use in hospitals and labs and has been designed to meet National & International Safety Standards. Special features include Flow Control Safety, Gate Valve, Level Sensor and Reservoir Level Sensor for automatic operation of the unit.

### **Features**

1. Flow Control Valve: Enables operation under low pressures.
2. Gate Valve: Conserves cooling water wastage.
3. Level Sensor: for safety of the boiler, if water level falls below the heater, the unit switches off.
4. Replaceable Quartz Heater - This eliminates frequent shut down of the equipment.
5. Flow Switch: Additional safety for the Distillation Unit.
6. Quartz Teflon Stopcock is provided for easy draining and cleaning of boiler.

These units do not require additional safety features since they are available with Built-in Safety.

### **SPECIFICATION :**

MODEL NO.	SLCM - 20S	SLCM - 20D	SLCM - 40S	SLCM - 40D	SLCM - 80S	SLCM - 80D
OUTPUT CAPACITY	2litrs/hrs	2litrs/hrs	4litrs/hrs	4litrs/hrs	8litrs/hr	8litrs/hr
STAGE	SINGLE STAGE	DOUBLE STAGE	SINGLE STAGE	DOUBLE STAGE	SINGLE STAGE	DOUBLE STAGE

### **DISTILLATE QUALITY :**

PH at 25°C	5.5 - 6.0	6.0 - 7.0	5.5 - 6.0	6.0 - 7.0	5.5 - 6.0	6.0 - 7.0
Conductivity	1 to 2 µS/cm	0.8 to 1 µS/cm	1 to 2 µS/cm	0.8 to 1 µS/cm	1 to 2 µS/cm	0.8 to 1 µS/cm
Heater Power	1KW	2KW	1.65KW	3.3KW	2.4KW	4.8KW
Distillate Quality	Pyrogen Free	Pyrogen Free	Pyrogen Free	Pyrogen Free	Pyrogen Free	Pyrogen Free

## **SIMTRONICS ANALYTICAL & LABORATORY INSTRUMENTS**

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