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Product Name :

Distillation Unit With Tank

Product Code :

SLE/CL/60



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Description :

Distillation Unit With Tank (Product Code: SLE/CL/60) is an automatic water purification system that distils raw potable tap water and collects the distillate in an approximately 4 L tank, giving water with an output conductivity of about 2 µS/cm at 25 °C. Clinical, microbiology and teaching laboratories install it as their lab water still in India, supplying the purified water needed for reagents, stains, buffers and final glassware rinses. The unit is built by **Jain Scientific Equipments Pvt Ltd (ScienceLab)** of Ambala, Haryana.

Specifications

Parameter	Detail
Output conductivity	Approximately 2 µS/cm at 25 °C
Tank capacity	Approximately 4 L
Operation	Automatic water purification system
Feed water	Raw potable water, 3 bar to 7 bar, 4 °C to 35 °C
Indicators	At least power on/off, standby and/or process, and tank level
Mounting	Free-standing or wall mount
Power requirements	230 V / 50 Hz, with voltage surge protection
Protection	Thermostatic control and overheat protection; thermostatic lowwater cut-off protects the heating element

Typical Use

The unit is connected to a potable water line within the stated pressure and temperature limits and then runs on its own: it heats the feed water, condenses the steam and fills the storage tank, while the indicators show whether it is powered, in standby or processing, and how full the tank is. Laboratory staff draw water from the tank to make up stains and reagent dilutions, prepare buffers, fill water baths and humidity trays, and give washed glassware a final rinse that dries without mineral spots.

In areas with hard tap water, periodic descaling of the boiling section keeps output steady; ask us for the cleaning routine suited to your unit. For laboratories that do not need a large water distillation plant in India, the wall-mount option lets this unit sit near the water point without taking up bench space. Use stored water promptly rather than keeping it for long periods.

Manufacturer

Jain Scientific Equipments Private Limited designs and builds water stills, baths and other laboratory utilities in Ambala, Haryana, and markets them under the ScienceLab trading name. Learn more on our company profile page.

Related Clinical Laboratory Equipment

Equip

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