

WATER STILL

Water Stills are used to prepare distilled water for specimen preparation and laboratory testing.

The still is an essential part of equipment in modern material testing laboratories. In operation the water is heated gently and converted to steam by keeping it boiling at a slow rate. The steam is condensed in an in-built condenser and the distillate collected in a receiver. This is free from all impurities and gases. Copper, brass, bronze and tin are used in the fabrication of the stills. The surfaces coming in contact with water are heavily tinned which prevents metallic contamination. A water inlet valve is a part of the still for connecting to a tap. An overflow is also provided to maintain the water at proper level. Two sizes of still are manufactured by us one having two litre per hour capacity and the other four litre per hour capacity.

●● HL100.501

Water Still

The still has 2 litre/hour distillation capacity, suitable for operation on 220 V, 50 Hz, single phase supply.



HS100.501

●● HL100.502

Water Still

The distillation capacity of this still is 4 litre/hour. Suitable for operation on 220 V, 50 hz, single phase supply.

AIR COMPRESSORS & VACUUM PUMPS

Air Compressors

In busy laboratories, where several pressure outlets are needed for different tests, the use of a central air compressor is very economical. Using pressure regulators (Supplied on order) desired regulated pressures can be tapped out from the same compressor maintaining pressure slightly more than the desired test pressures.

●● HL102.05

Air Compressors

10 kg/sq. cm.

It is a single stage compressor fitted over an air receiver. ON-OFF switch, pressure gauge and pressure outlet valve are provided as standard, Suitable for operation on 220 volt, 50 hz, single phase supply.



HS102.05

●● HL102.10

Air compressors

20 kg/cm²

This compressor has two stage compressor head which generates the higher pressure in two stages.

Complete with air receiver, ON-OFF switch, pressure switch, safety valve pressure gauge and one pressure outlet valve. Suitable for operation on 440 V, 3 phase, 50 hz supply.

Note : The above compressor can be fitted with a single phase motor for operation on 220 V. Single phase, 50 hz supply if specially ordered.

●● HL102.55

Vacuum Pump

Vacuum pumps are used in the laboratories for deairing etc. We supply small capacity vacuum pumps for general laboratory use. Driven by a ¼ HP motor. It can generate a vacuum of 0.5 mm of mercury which is enough for routine laboratory purposes.

For operation on 220 V, 50 Hz, single phase supply.



HS102.55

●● HL102.60

High Vacuum Pump

Double Stage

This pump is capable of creating high vacuum of the order of 0.005 mm of mercury.

It is a two stage pump driven by a ¼ HP motor. Suitable for operation on 220 V, 50 Hz, single phase supply.