

Product Name :
SINGLE STAGE QUARTZ DISTILLATION (HORIZONTAL
MODEL

Product Code :
WDU0005

LAB ENGINEERING

Description :

SINGLE STAGE QUARTZ DISTILLATION (HORIZONTAL MODEL

Technical Specification :

Replaceable Silica Heater: The horizontal quartz jacket is fixed with removable silica heater and screw threaded connectors for ease of cleaning.

Distillate temperature is approx. between 22° to 42° C which is ensured by an efficient condenser.

The stand is powder coated for rust free operation and lustrous appearance.

The unit automatically switches off if water level in the boiler falls below heater.

Cooling water from the condenser is re-circulated into the boiling chamber, hence saving energy.

Screw Threaded Connectors: These are provided for easy plumbing & insulation to avoid any glassware breakage during assembly.

Fuse is provided for safety in case of voltage fluctuation or short circuit.

Electrical Power: 220/240 V, 50/60Hz, Single Phase Supply.

Boiler is provided with Replaceable Constant Level Device for easy draining and cleaning of boiling chamber.

Unique Feature

The model is equipped with a built-in temperature switch to protect the glass parts in case of water failure or overheating.

Additional Optional Accessories (at Extra Cost)

Gas Valve - Conserves cooling water savings in case of power failure.

Flow Switch - In-built safety feature for the equipment unit shut off in case of cooling water failure.

Bariatric Condenser

Output Cap. (Approx.)	20t/hr	20t/hr
Power Rating (Tonnage)	1.65 kw	22 kw
Cooling Water Consumption (Approx.)	52 l/hr	70 l/hr

Quartz Condenser

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Horizontal Quartz Boiler for 2 t/hr Distillation

Horizontal Quartz Boiler for 5 t/hr Distillation

Bariatric coil condenser for 2 t/hr Distillation

Barometric coil condenser for 5 l/hr Distillation

Quartz coil condenser for 2 l/hr Distillation

Quartz coil condenser for 5 l/hr Distillation

Constant level device (Quartz)

Silica sheathed (Quartz) Heater with Bakelite Cup

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