

Competitive quotations are invited from reputed scientific supply firms for the purchase of an all glass double distillation unit.

Specifications for the All Glass Double Distillation Unit for laboratory purpose.

All glass unit, wall mount /table top

Output : 4 liters/hr.

Double distilled water pH :5.0 - 6.5

Conductivity, $\mu\text{S/cm}$ -1: 0.8-1.2

Temperature :30 - 40°C


All tubes: Borosilicate tubes

Electricity supply: 220 or 240V, 50-60Hz, Double phase

The Instrument and Vendor should be CE Certified. Screw threads are incorporated on all water connections so as to facilitate easy fitting and removal of hoses to avoid risk of breakage. Built in acid funnel and Teflon drain stopcock to allow easy decaling without dismantling the glassware's. Output Water should be Pyrogen free water. The Automatic Electronic Mono cut-off system should be used along with the Water Distillation unit to protect the distiller during water supply failure. In case of water failure to condenser, the power supply to the unit should cut-off automatically, by means of Flow Switch. Vendor should be provided Manufacture authorisation certificate for specific tender. In case of water failure to the Boiler, the power supply to the unit is cut off automatically by means of pt-100 sensor. Warranty: 1 year.

The quotations should reach in the Office of the Professor and Head, Department of Zoology, University of Kerala, Kariavattom, Thiruvananthapuram-695581, Kerala, on or before 31st August 2021, 4.00pm.




PROFESSOR AND HEAD
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