

MES COLLEGE NEDUMKANDAM

Specifications for Rotary Evaporator with Vacuum Pump

Items	Units required
Rotary Evaporator With Vacuum Pump	1
Driver speed with speed control from 50 to 250 rpm	1
Water bath with heater from 5 to 99 ⁰ C	1
Digital temperature controller for water bath	1
Vertical glass set with 1000 ml evaporating flask (24 neck) and 100 ml receiving flask, clip for the evaporating and receiving ends.	1
Flask ejector for easy removal of evaporating flask.	1
Power supply: 230 VAC, 50 Hz, single phase	1
Vacuum pump – PTFE diaphragm type	1
Analogue vacuum regulator	1
Vacuum trap (Max. Vacuum 27", Max. Press. 10 psig	1
Tubing set	1
Flasks, evaporating and receiving, capacities 100, 250, 500 (24 neck) and 1000 ml	1
Total amount – 1.6 lakhs	