

ROTARY EVAPORATOR

Description

- Low profile design gives ease in operation
- Spark less drive unit AC motor with assured speed regulation – 50 to 250rpm
- Digital Temperature controller for water bath
- PTFE/Glass sealing mechanism
- Smooth ,adjustable ,maintenance free single lever manual lift

Rotary Vacuum Evaporator

Simple – Safe – Efficient



Technical Data

Rotational Speed	:	50 – 250 RPM
Heating Bath Dimensions	:	230 x 130 mm
Volume of Heating Bath	:	4 ltr. approx.
Bath Temperature Range	:	Ambient to 180 °
Heating Bath Controller	:	PID with display set & actual temperature
Heating Bath Material	:	SS 304
Minimum / Maximum Flask Size	:	50ml / 3000 ml
Lift	:	Mechanical
Height Adjustment	:	170 mm. approx.
Flask Ejector	:	Yes
Condenser Support	:	Yes
Power Supply	:	230V AC, 50 Hz



FEATURES

- Unit base made of thick M.S. sheet coated with a layer of epoxy based polyester paint, providing a scratch less & chemical resistant surface.
- Geared Drive Unit offers a smooth speed rotation precisely controlled with analog knobs.
- Double walled Bath - Seamless inner vessel SS 304 & outer AL, provided with high grade insulation to eliminate heat loss.
- Digital temperature indicator cum controller, t 180 Sturdy Jack arrangement fitted on main base to provide jerk free up and down movement of glass assembly.
- Extended clamp which holds the geared drive unit can also accommodate condenser clamp hanger with the help of extra S.S. rod for vertical and cold trap condensers.
- Central processing unit is fitted at the rear of water bath.
- Main ON/OFF is at the taper of the base unit.
- Borosilicate glass parts set comprising of condenser, evaporating flask Kjeldhal shape 800ml , receiving flask cap.
- 1000 ml with S-35 cup, vapour path tube B-24, feed tube with teflon extension, gasket seal, standard joint clip B-24, Ball joint clip S-35 are standard part of equipment.
- All borosilicate glass parts are interchangeable. Temperature Control from ambient plus 180 °C. / 1000ml