



▶ Rotary Evaporator model 503

Ease of use, efficiency and safety combine in the new design of the Nahita rotary evaporator model 503. Due to its several features, this equipment is widely used in chemistry and biochemistry laboratories to

perform efficient solid-liquid or liquid-liquid extractions with a maximum energy saving thanks to the possibility of evaporation at subatmospheric pressures.

Main characteristics

Efficiency

The new design of the Nahita rotary evaporator model 503 includes a water bath with 3 liters of capacity for the optimum heating of the evaporating flask. Furthermore, the possibility of joining a vacuum pump allows carrying out reactions at very low pressure, thus, reducing the boiling temperature. All these features, together with the wide condensation surface of the coil condenser, provide a maximum efficiency of the equipment with a high energy saving.

Ease of use

Easy-to-use and small sized, the Nahita rotary evaporator is ideal for performing distillation of small volumes. It presents 29/32 grind joints that permits the use of different flasks provided they present joints of the specified size. Furthermore, height and inclination angle of the condenser as well as the inclination angle of the evaporating flask are manually adjustable to adapt to user necessities.

Safety

All glass components are made of temperature and pressure resistant borosilicate glass and are mounted on a solid and steady support to assure stability of the equipment. The water bath presents, moreover, a safety shield to avoid damages or splashes in case of breakage of the evaporating flask.

The new design also includes plastic clips for grind joints and a safety nut to hold the suck pipe, avoiding disassemblies of the components during operation.

Glass set

- 1 round-bottomed flask, 500 mL (evaporation)
- 1 heart-shaped flask, 250 mL (receiving)



Technical characteristics

Code	PGB002
Rotation speed	0-90 rpm
Regulation	Analogical
Lift distance	150 mm
Rotate angle	Up to 45°
Glass set	29/32
Power	25 W
Max. temperature	100 °C
Capacity	3 liters
Power supply	220V AC 50-60 Hz