

# ROTARY EVAPORATOR

## BOECO ROTARY EVAPORATOR RVO 400 SD

- ▶ With digital display and control
- ▶ Water or oil bath
- ▶ Motorized lift
- ▶ Built in vacuum controller
- ▶ Variable inclination angle of evaporating flask
- ▶ With vertical or diagonal condenser
- ▶ fitted and designed for control and communication by PC

### Technical details:

Evaporating flasks:	20 - 4000 ml.
Rotation speed:	0, 10 up to 280 rpm
Bath temperature:	max. 100°C for water filling max. 180°C for oil filling
Regulation accuracy:	± 1°C up to 100°C ± 3°C up to 180°C
Pressure measurement:	absolute
Pressure difference:	adjustable 1-5000 mbar.
Power supply:	230 V, ±10%, 50 Hz
Power input:	max. 2000 W (excluding vacuum pump)
Dimensions in mm (WxHxD):	650 x 900 x 360 (incl. glass)
Net weight:	approx 20 kg

The RVO 400 SD conforms to the CE mark and all relevant EC standards and DIN norms and has been manufactured under ISO 9001:2000

Code	Description
BOE 8090020	BOECO Rotary Evaporator RVO 400 SD, with heating bath, motorized lift, built in vacuum controller, digital measuring and control system with vertical condenser, 220 V
BOE 8090021	Idem for 110 V
BOE 8090030	BOECO Rotary Evaporator RVO 400 SD, with heating bath, motorized lift, built in vacuum controller, digital measuring and control system with diagonal condenser, 220 V
BOE 8090031	Idem for 110 V

### Options:

BOE 8090005	Safety bath cover, Plexiglass
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## CHEMICAL RESISTANT VACUUM PUMP

- ▶ 100 % oil-free transfer
- ▶ Pure transfer, evacuation and compression
- ▶ Chemically-resistant, suitable for highly aggressive or corrosive gases and vapors
- ▶ Maintenance-free
- ▶ Environmentally friendly
- ▶ Gas tight, leake rate approx.  $6 \times 10^{-3}$  mbar x l/s

### Specification:

Delivery:	20 l/min
Vacuum:	8 mbar abs.
Pressure:	1 bar
Connectors for tube:	ID 10 mm
Permissible gas and ambient temp:	+5...+40°C
Motor protection:	IP 44
Weight:	7,1.kgs
Dimensions LxHxB:	312x207x154 mm

Code	Description
KNF 057501/026366	KNF LABOPORT® Diaphragm Vacuum Pump N 820.3FT.18, 220 V, 50 Hz, Pump head: PTFE, Diaphragm: PTFE-coated, Valves: FFPM;
KNF 057501/027170	Idem, 115V, 60 Hz

