

ROTARY EVAPORATOR

BOECO ROTARY EVAPORATOR RVO 400 SD

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



Technical details:

Receiving flasks:	100 - 2000 ml
Evaporating flasks:	20 - 4000 ml
Rotation speed:	0 - 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 1-500 mbar.
Digital settings:	Temperature, rotations, vacuum
Gradient settings:	Temperature, pressure
Temperature unit selection:	°C, °K
Pressure units selections:	hPa, Torr
Cooler condensation size:	1200 sq cm (double spiral)
Switched vacuum pump:	output max 650 VA, input max. 2000 VA
Power supply:	230 V ±10%, 50/60 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, 230 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, 230 V
BOE 8090031	Idem for 110 V

Accessories:

BOE 8090005	Safety bath cover, Plexiglass
BOE 8090006	Wireless remote controller
BOE 8090007	PC-based evaporation control software

BOECO CIRCULATION CHILLER COR 400

Performance:	1/4 HP
Performance 22°C =>7°C:	80 l/hour
Minimum temperature:	1°C for water
Minimum temperature:	-20°C for antifreezing mix
Regulation accuracy:	±1°C
Volume of cooling tank:	20 l
Displacement pump:	7 m
Pump flow:	120 l/hour
Cooling gas:	R - 134a
Power supply:	230V, 50/60Hz
Power:	max. 391 VA
Weight:	29 kg
Dimensions (w x d x h):	530 x 330 x 474 mm

Code	Description
BOE 8090010	BOECO Circulation Chiller, COR 400, 230V, 50/60Hz



SAFETY
BATH COVER

