

AREA 20 ASPHALT & BITUMEN

Extraction

Vacuum rotary evaporator

An operating concept reduced to the essentials: clear and always with direct access to the basic parameters of rotation speed and heating bath temperature.

Vacuum rotary evaporator

EN 12697-3 motor lift model with transparent G1 diagonal radiator Includes:

- ▶ Evaporator drive with infinitely variable speed from 10 to 280 rpm
- ▶ Digital display of speed and bath temperature
- ▶ A heating bath with temperature controller from 20 - 210° C
- ▶ A motor jack for raising and lowering the glass set
- ▶ Glass set complete with diagonal condenser and 1000 ml evaporating and receiving flask

20-13000

Vacuum rotary evaporator

EN 12697-3 Motor Lift Model with G3 Vertical Cooler Includes:

- ▶ Evaporator drive with infinitely variable speed from 10 to 280 rpm
- ▶ Digital display of speed and bath temperature
- ▶ A heating bath with temperature controller from 20 - 210° C
- ▶ A motor jack for raising and lowering the glass set
- ▶ Glass set complete with space-saving vertical condenser as well as 1000 ml evaporating and receiving flasks

20-13030

Vacuum rotary evaporator

EN 12697-3 hand lift model with G1 diagonal radiator Includes:

- ▶ Evaporator drive with infinitely variable speed from 10 to 280 rpm
- ▶ Digital display of bath speed and temperature
- ▶ A heating bath with a temperature controller of 20 - 210° C
- ▶ A lifting tripod for raising and lowering the glass set
- ▶ Glass set complete with diagonal condenser and 1000 ml evaporating and receiving flask

20-13010

Vacuum rotary evaporator

EN 12697-3 motor lift model with transparent, plastic-coated G3 XL vertical cooler: 2,200 cm² cooling surface for maximum evaporation performance! Contains:

- ▶ Evaporator drive with infinitely variable speed from 10 to 280 rpm
- ▶ Digital display of speed and bath temperature
- ▶ A heating bath with temperature controller from 20 - 210° C
- ▶ A motor jack for raising and lowering the transparent, plastic-coated glass set
- ▶ Plastic coated glass set complete with space-saving XL vertical cooler (2,200 cm cooling surface for maximum evaporation performance!) as well as 1000 ml evaporating and receiving flask.

20-13040

ACCESSORIES

Heating bath liquid

5 l container for the oil bath rotary evaporator.

20-1300E86	170°C
20-1300E87	220°C

Rotary evaporator set with vacuum unit

EN 12697-3 For recovery of the binder after extraction.

Contains:

- ▶ Evaporator drive with motor lifting stand
- ▶ Glass set with vertical condenser and evaporating and receiving flasks each 1000 ml with coating against glass breakage
- ▶ Heating bath for water or oil
- ▶ Diaphragm vacuum pump with automatic vacuum control using a digital controller with 3 digital displays for actual value, setpoint and operating mode. Programming possibility of ramp functions.

Thermal oil for the oil bath is also required. Technical specifications:

- ▶ Evaporator drive 10 .. 280 rpm with digital display
- ▶ Glass set with vertical cooler
- ▶ evaporating flask 1000 ml *20-1300.1*
- ▶ 1000 ml receiving flask *20-1300.2*
- ▶ Heating bath temperature range 20 .. 210°C, accuracy +/- 1°C with overtemperature protection
- ▶ boiling temperature probe
- ▶ 2-stage vacuum pump, resistant to chemicals,

ultimate pressure 7 mbar

- ▶ vacuum controller
- ▶ condensate cooler
- ▶ vacuum valve
- ▶ Wouff bottle *20-1316*
- ▶ Vacuum and water hose set *95-2430*

Technical data

Weight	25.00 kg
Electrical data	230V, 50Hz, 1400W

20-13050

Glass set complete, available in three variants (G1, G3, G3 XL)

