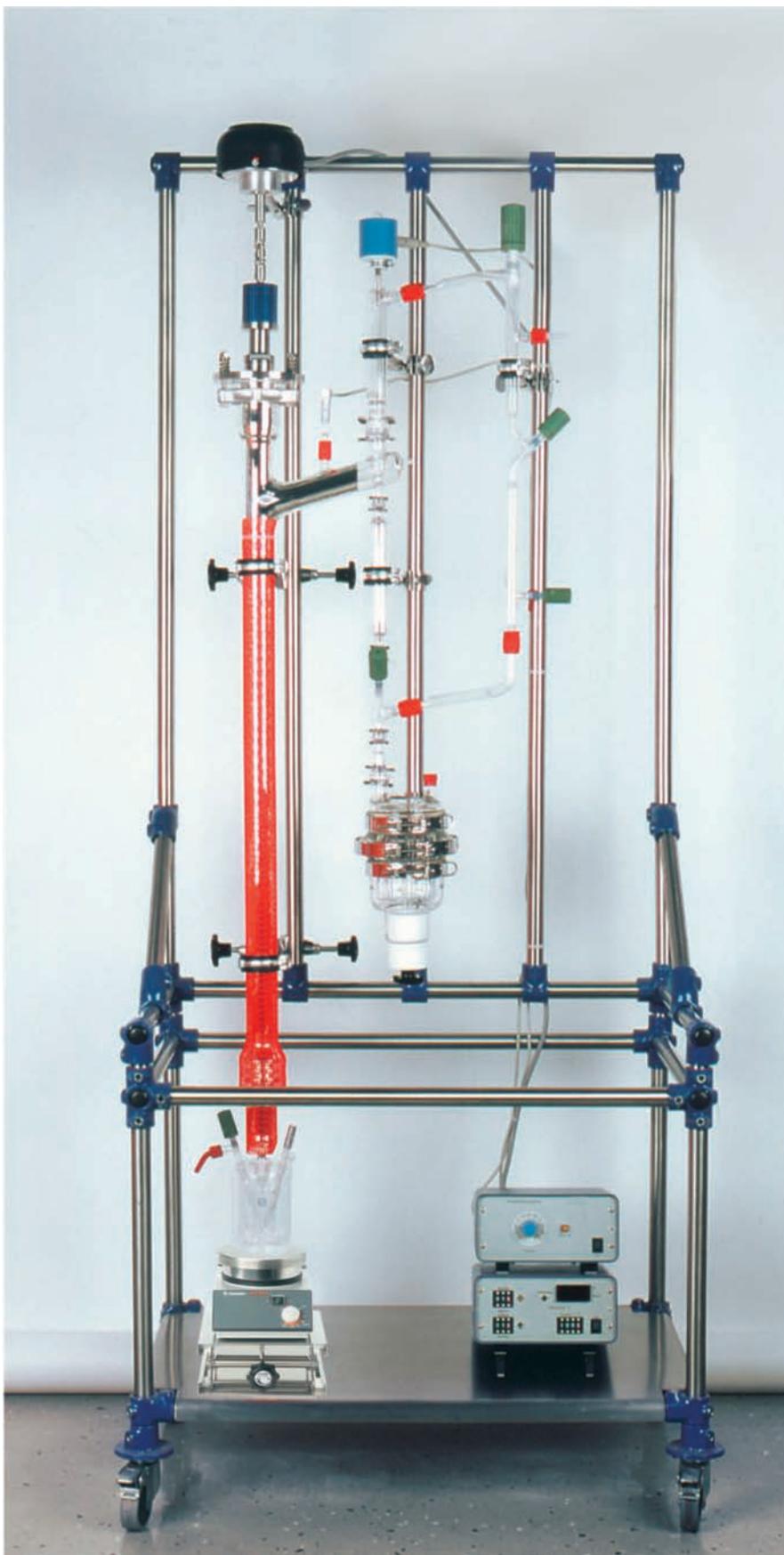


MICRO SPINNING BAND COLUMN

GENERAL

The micro spinning band column can be used for different purposes. Its use reaches from research and teaching to solutions for specific separating tasks in the industry. After the separation of the substances, the distillate drain off is electromagnetic according to the vapour division principle. The effective column length is approx. 1000 mm. The test mixture n-Heptan / Methylcyclohexan reaches a separating efficiency of approx. 50 theoretic plates under normal pressure and infinite reflux.



Pict.
Micro spinning band column

Construction of the micro spinning band column

The basic part of the unit is the micro jacket column DN 6 with sealed electromagnetic controlled vapour divider and Anschütz-Thiele receiver.

The spinning band column has a silver coated high vacuum jacket with bellows and sight strips. A vacuum magnet stirrer seal made of stainless steel is fitted via a flat flange DN 50. Inside the column is the HOSTAFLON band which is brought in rotation with the driving motor. A control unit adjusts the revs of the spinning band. The drain and reflux of the distillate is controlled with the digital timer which receives the measuring from a Pt 100-thermometer. The heating of the boiling flask can be effected either with a circulating thermostat or with a heating mantle with power control. The individual fractions are collected in a vacuum rotary receiver.

Accessories for the micro spinning band column:

- Special boiling flasks with tempering jacket, volumes 25 ml, 50 ml, 100 ml
- Special boiling flasks with tempering jacket and additional silver coated high vacuum jacket, volumes 25 ml and 50 ml
- Magnet stirrer with rev control
- Lab jack, made of stainless steel
- Circulating thermostat with working temperature range from +20 to +250 °C
- Circulating condenser with working temperature range from -10 °C to +40 °C
- Normag digital thermometer
- Normag digital vacuum controller
- Pt 100-thermometer, installation length 35 mm
- Pt 100-thermometer for special boiling flasks
- Vacuum spinning receiver
- Frame to bear the unit, made of stainless steel tube, diameter 26.9 mm, powder coated tube connectors,
Dimensions L x D x H: 1600 x 600 x 2000 mm

We will be pleased to submit you a detailed offer.