

PILODIST® MRS 255



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Swift-BIC: COLSDE33

MICRO-DISTILLATION APPARATUS MRS 255

With concentric tube column MRS 255.

Apparatus for fractionation of small charge quantities.

The special advantage of the concentric-tube-column are:

- extremely low pressure drop
- highest separation efficiency
- minimum hold-up
- all-glass construction
- static design (no rotation)

The separation efficiency in the concentric-tube-column is based on the physical principle of the mass transfer between vertically rising vapour and the spirally trickling film of liquid in a concentric annular gap made of glass. The column consists of two concentrically melted-in, especially selected and calibrated glass tubes.

The Concentric-tube-column is perfectly suitable for the separation of temperature sensitive substances.

Technical Data

Charge volume:	3 - 25 ml
Operating temperature:	20° - 250° C
Operating pressure:	1000 – 0,01 mbar (depending on sensor range)
Separation efficiency:	approx. 40 theoretical plates
Mains supply:	208 - 250 V, 50 Hz (60 Hz upon request)
Weight:	approx. 31 kg
Dimensions (w x h x d):	approx. 0.90 x 0.75 x 0.50 m

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