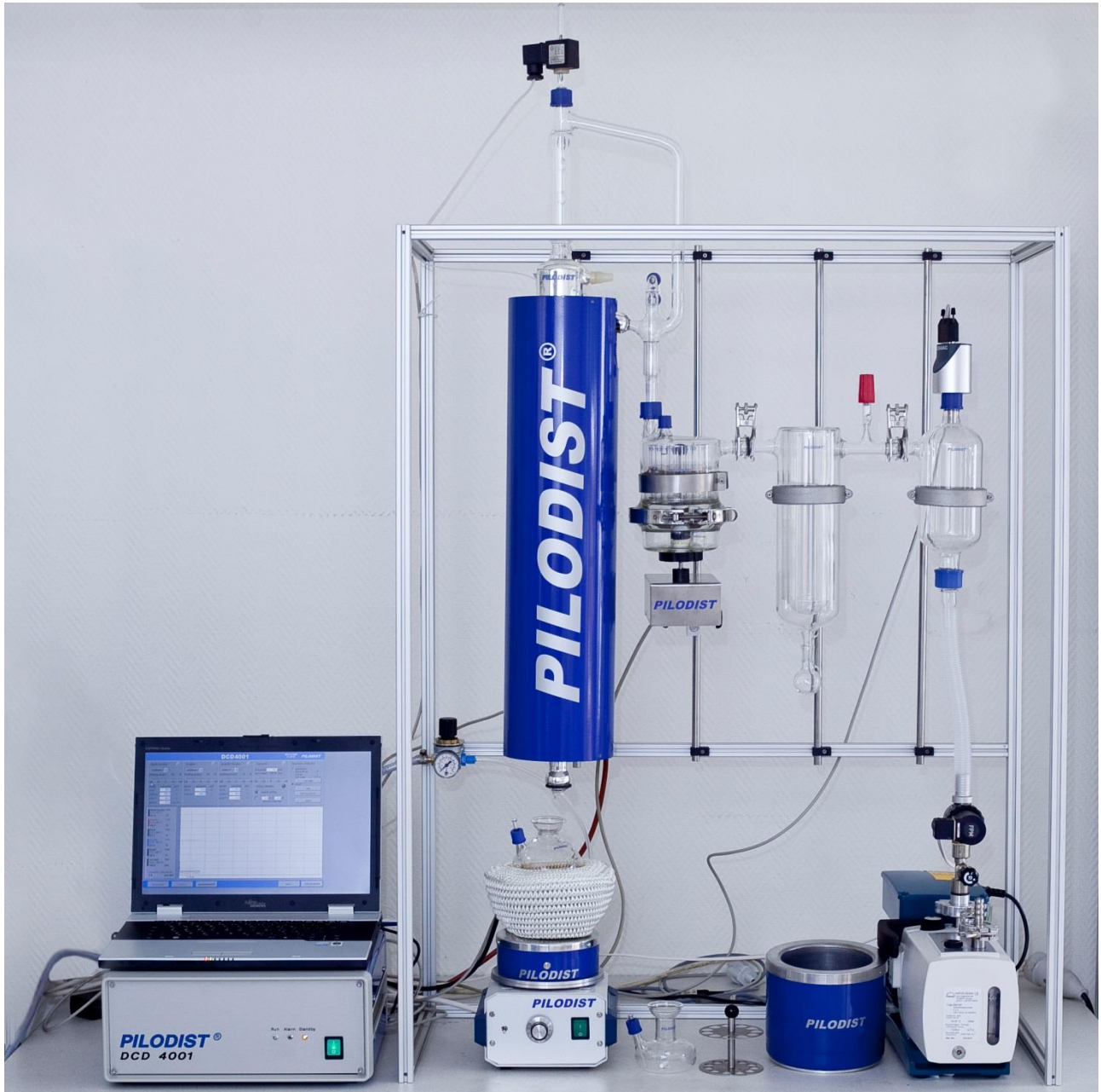


PILODIST®

laboratory & process technology

PILODIST® HRS 300 C **- semi-micro distillation system -**



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Picture represents system with electrical heating bath and automatic fraction collector

SEMI-MICRO DISTILLATION APPARATUS HRS 300 C

With concentric-tube-column HRS 300. Especially versatile unit with highest separation efficiency and up-to-date processor control.

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

- extremely low pressure drop
- highest separation efficiency
- minimum hold-up
- all-glass construction
- static design (no rotating parts inside the column)

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 Quantity:	10 - 150 ml
Operation Temperature:	20° - 250° C
Atmospheric Pressure or Vacuum:	down to 0.1 mbar
Separation Efficiency:	approx. up to 60 theoretical plates
Mains Supply:	230 V, 50 Hz
Dimensions (w x h x d):	1.20 x 1.40 x 0.50 m
Weight:	Approx. 76 kg