

PILODIST® 105



www.pilodist.de

Tel: ++ 49 (0) 2225 955910

Fax: ++ 49 (0) 2225 9559111

e-mail : info@pilodist.de

PILODIST GmbH
Eichelnkampstraße 2
D-53340 Meckenheim
Sitz: Bonn

Eingetragen AG Bonn HRB 12941
Managing Director Rolf Jeub
USt.-ID.-Nr. DE 813 408 398

Sparkasse KölnBonn
Kto. 33302365
BLZ 37050198
IBAN DE 05 3705 0198 0033 3023 65
Swift-BIC: COLSDE33

PILODIST® 105

Versatile distillation apparatus with high separation efficiency.

The system is designed for automatic operation and includes an automatic fraction collector. The fraction changes resp. the receiver changes are automatically carried out according to pre-selected boiling temperatures or when the receivers are filled up. The vacuum-tight fraction collector contains 9 receivers. The receiver volume is related to the flask size.

The system is supplied with 2 different column types (DN 25), a concentric-tube-column and a wire gauze trickling column, which can alternatively be applied according to requirements.

Gentle distillation by temperature controlled oil bath with product circulation.
Operation range from ATM down to vacuum.

Equipped with processor based distillation control device DCD4001 with heating controller for oil bath and heating mantle, automatic reflux control, vacuum controller and controller for the automatic Fraction collector.

Application

Suitable for solving difficult separation problems and for the production of pure substances, aromatic compounds of high molecular weight, fatty acids etc.

Technical Data

Flask size:	5000 ml
Charge quantity:	100 - 4000 ml
Operating temperature:	20° - 250° C
Operating pressure:	1000 - 0.1 mbar
Separation efficiency:	up to 90 theoretical plates
Material:	glass
Mains supply:	208 - 250 V, 50 Hz (60 Hz upon request)
Dimensions (w x h x d):	approx. 30 x 2.70 x 0.50 m

www.pilodist.de

Tel: ++ 49 (0) 2225 955910

Fax: ++ 49 (0) 2225 9559111

e-mail : info@pilodist.de

PILODIST GmbH
Eichelnkampstraße 2
D-53340 Meckenheim
Sitz: Bonn

Eingetragen AG Bonn HRB 12941
Managing Director Rolf Jeub
USt.-ID.-Nr. DE 813 408 398

Sparkasse KölnBonn
Kto. 33302365
BLZ 37050198
IBAN DE 05 3705 0198 0033 3023 65
Swift-BIC: COLSDE33