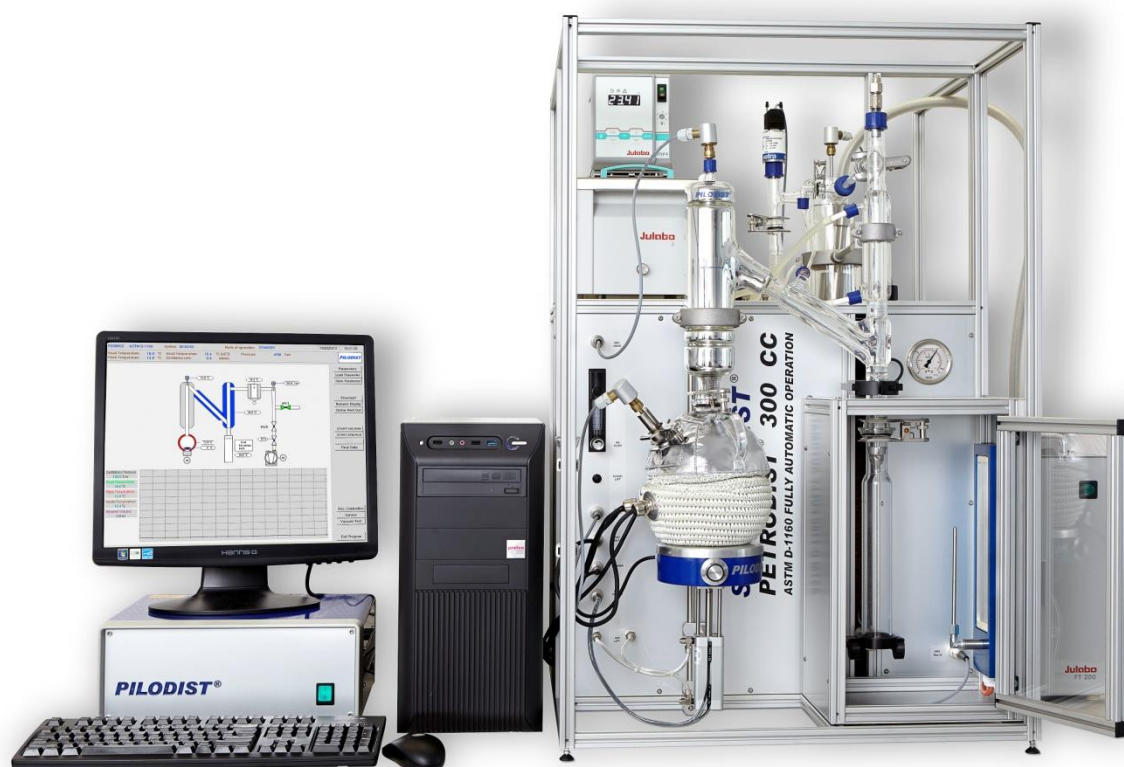


PILODIST®

laboratory & process technology

PETRODIST® 300 CC



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

Eingetragen AG Bonn HRB 12941
Sitz: Bonn
Managing Director K. Jürgen Fischer
USt.-ID.-Nr. DE 813 408 398

Bankers:
Sparkasse KölnBonn
IBAN DE 05 3705 0198 0033 3023 65 BIC: COLSDE33XXX
Deutsche Bank AG
IBAN DE 46 3707 0060 0333 2673 00 BIC: DEUTDEDKXXX

PETRODIST® 300 CC

Fully automatic crude oil distillation system, processor controlled according to ASTM D-1160 for the determination of boiling ranges of crude oil products under vacuum.

Special advantages of PETRODIST® 300 CC

- parameter input, display as well as calculation of distillation and final data and print out of the distillation curve via PC
- easy operation due to userfriendly software, operated under WINDOWS XP
- sophisticated safety system
- individual distillation reports and curves can be re-called any time
- precise distillation data due to automatic calibration of volume measuring system
- anti foaming by foam breaker
- precise vacuum control
- automatic washing run
- calculation of charge according to receiver temperature and charge density
- easy installation effort as the system is delivered ready for operation
- manual override of automatic operation
- automatic controlled termination of distillation process and start of cooling

The distillation is fully automatic from the initial boiling point to the pre-selected end boiling point or detected break-off. The criteria for break-off are:

- the pre-selected final AET (atmospheric equivalent temperature) is reached
- the maximum bath temperature is reached
- the maximum flask temperature is reached
- the pre-selected distillate volume is reached
- the flask insert cracks
- the distillate pressure drops
- product lack in the flask

The distillation volume is measured automatically in a tempered receiver. The yield is calculated in percentage to the charge quantity. Distillation report, final data and distillation curve are printed out.

The system can be upgraded with a fraction collector later on to become PETRODIST 300 CC-F!

Technical Data

Flask Size:	500 ml
Flask Charge:	200 ml
Operation Temperature:	Up to 400° C (750° F)
Operation Pressure:	Vacuum down to 1 Torr
Final Cut Temperature:	Up to 570° C AET (1020° F)
Power Consumption:	3500 W
Max. Ambient Temperature:	25° C
Mains Supply:	208 – 230 VAC, 60 Hz
Dimensions (w x h x d): approx	0.65 x 0.97 x 0.65 m