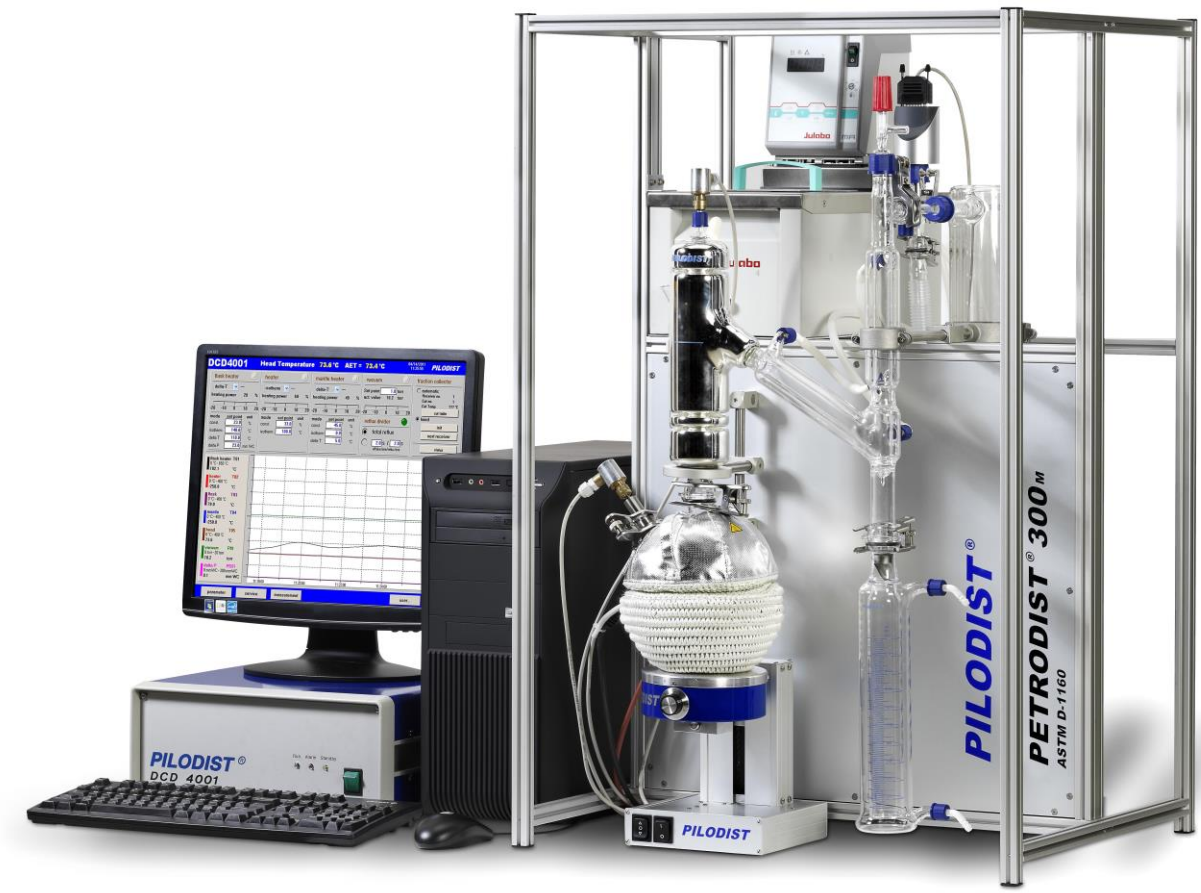
PILODIST ®

laboratory & process technology

PETRODIST® 300 M



Manual Boiling Analysing System according to ASTM D-1160.

The distillation is performed from the Initial Boiling Point (IBP) to the End Boiling Point (EBP) by the operator. The criteria for a distillation end are:

- the EBP in AET-temperature is exceeded
- the distillate volume is exceeded
- the maximum limits of heating bath temperature or flask temperature are exceeded
- product cracking in the flask
- vacuum loss

The distillate volume has to be measured by the operator in a temperature controlled receiver.

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 620° C AET (1020° F)
Power consumption:	3500 W (without options)
Max. ambient temperature:	25° C
Mains supply:	208-250 V, 50 Hz (standard) 208-250V, 60 Hz (optional)
Dimensions (w x h x d):	0,65 x 0,98 x 0,65 m

Options
- For application of atmospheric or biodiesel distillation as well as dehydration process prior to distillation a cooling thermostat is required. - For operation with a power supply frequency of 60Hz instead of 50Hz.
- Immersion cooler.
- Distillation Control Device DCD4001 for automatic heater control as well as laptop for evaluation & final data generation incl. distillation curve

For more information consult your distributor