

PILODIST®

laboratory & process technology

PETRODIST® 400 S



Crude oil distillation system for semi-automatic operation according to ASTM D-2892 (TBP) and ASTM D-5236 (Potstill)

The PETRODIST 400 S is a combination system for alternative operation of the basic systems

- * PETRODIST 100 S
- * PETRODIST 200 S

The central fraction collector, the vacuum supply, the cryo/ thermostat are used for both unit parts.

The cuts are taken automatically according to the pre-selected boiling temperature or when the receivers are filled up. The vacuum tight fraction collector contains 9 receivers.

All necessary accessories will be supplied together with the system. The installation requires water, nitrogen, compressed air and electricity.

Technical Data

Equipment for ASTM D-2892 (PD 100)

Flask size:	2, 4, 6, 10, 20 L
Flask charge:	up to 60 % of flask volume
Operation temperature:	up to 350° C
Operation pressure:	vacuum down to 1 Torr
Final cut temperature:	up to 420° C AET

Equipment for ASTM D-5236 (PD 200)

Flask size:	1, 2, 4, 6, 10, 20 L
Flask charge:	Up to 60 % of flask volume
Operation temperature:	up to 400° C
Operation pressure:	vacuum down to 0.1 Torr
Final cut temperature:	up to 650° C AET

Common specification

Fraction collector receiver capacity: 9 receivers, volume depending on flask size

Max. Ambient Temperature: 25° - 30°C

Main Supply: 3 x 208 – 260 V, 50 Hz (60 Hz upon request)

Dimensions (L x D x H): Depending on flask sizes

For more information consult your distributor
