

DIST D-2892/5236

Combined Distillation System

ASTM D2892, ASTM D5236

Both systems can operate at the same time (simultaneously) in fully automatic, uninterrupted and unattended mode. The data evaluation software provides also a combined TBP-curve for both systems.

Compact design with control system and safety items for unattended operation. No operator intervention and no intermediate stops are required. All necessary accessories will be supplied together with the system. The unit requires water, nitrogen, compressed air and electricity. Dry ice or liquid nitrogen is required for cold traps of combined distillation system.

Combined Distillation System enables to perform TBP and Potstill distillations of various crude samples.

The system is equipped with a central computer, vacuum supply and thermostate system. Fraction collector is designed to serve for both distillation systems simultaneously. It also provides direct automatic distillation flow rate control.

The fraction changes are automatically performed through cut temperatures or to avoid overfilling. Both systems are equipped with individual fraction collectors to allow simultaneous operation of both systems. The final data and the TBP-curve in wt% and vol% are printed out after reweighing the residue.

Combined Distillation System can optionally be equipped with water removal (dehydration) including automatic phase separator. Interchangeable flasks in various sizes mounted on individual trays with rolls.

