Vacuum Distillation

ASTM D1160
Distillation of Petroleum Products
at Reduced Pressure

This test method covers the determination, at reduced pressures, of the range of boiling points for petroleum products that can be partially or completely vaporized at a maximum liquid temperature of 400°C.

Art. LT/VD-107000/M
Distillation of Petroleum Products at Reduced Pressure Apparatus (Vacuum Distillation)
ASTM D1160

- Support panel and base
- 500 ml quartz distilling flask with thermowell
- Heating mantle (bottom and top)
- Vacuum jacketed, strip silvered column with condensers and spherical joints
- Thermocouples with relevant adapters
- 200 ml water jacketed receiver
- Vacuum adapter
- Two Dewar-type cold traps with receivers, stopcock drain and adapters
- Clamps for glassware assembling
- Control unit equipped with:
  - 2 × Digital display for temperatures reading
  - 1 × Electronic regulator for heating mantle
  - 1 × Digital display for vacuum reading
  - 1 × Vacuum regulator

Accessories

LT/TB-72200/M: transfer bath
LAB-101-073: silver chain

Spare Parts

LAB-101-073: silver chain
LAB-101-074: distillation flask 500 ml, with insulating material
LAB-101-075: vacuum jacket distillation column made in silver
LAB-101-077: jacket receiver 200 ml
LAB-101-078: cold trap
LAB-140-001: PT100 probe l = 120 mm
LAB-150-110: electronic regulator
LAB-110-024: heater

CE

LT/VD-107000/M