

Determination of Total Sediment in Residual Fuels



Total Sediment Tester

A weighed quantity (10g) of the oil sample is filtered through the prescribed apparatus at 100°C. After solvent washing and drying the total sediment on the filter medium is weighed. The test is to be carried out in duplicate.

Included Accessories

Two Filtration Cells
Throttle Valve for Vacuum Regulation
Heating or Cooling Coil
Pipes for Steam, Water and Vacuum
500mL Flask fitted with Protected Mesh
Vacuum Manometer

Test Method

For the determination of total sediment up to 0.40% m/m for distillate fuel oils containing residual components and to 0.50% m/m in residual fuel oils having a maximum viscosity of 55 cSt (mm²/s) at 100°C. Some fuels can exceed the maximum filtration time specified in this test method due to factors other than the presence of significant quantities of insoluble organic or inorganic material. This test method can be used for the assessment of total sediment after regimes of fuel pretreatment designed to accelerate the aging process.

Specifications

Conforms to the specifications of:

ASTM D4870; BS 2000 pt.390; IP 375; IP 390 pt.A; ISO 10307 pt. 1 & 2

Electrical Requirements:

115V 60Hz
220-240V 50/60Hz

Dimensions lxdxh,in.(cm)

23.6x19.7x20.9 (60x50x53)

Net Weight: 41.89 lb (19kg)

Ordering Information

Catalog No.

K48310 Total Sediment Tester, 115V 60Hz

K48319 Total Sediment Tester, 230V 50Hz

Accessories

K48310-9 Thermometer, Range 95 to 105°C

K48310-10 Steam Generator

K48310-11 Diaphragm Vacuum Pump