

# Determination of Total Sediment in Residual Fuels

## 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 (mm<sup>2</sup>/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.

## 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

## specifications

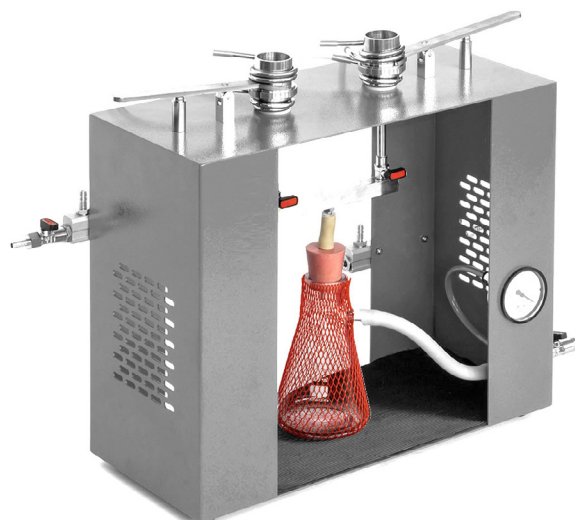
Conforms to the specifications of:

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

### Dimensions lxdxh,in.(cm)

23.6x19.7x20.9 (60x50x53)

Net Weight: 41.89 lb (19kg)



K48319 Total Sediment Tester

## ordering information

catalog no.	description
K48319	Total Sediment Tester

### accessories

K48310-9	Thermometer, Range 95 to 105°C
K48310-10	Steam Generator, 115V 60Hz
K48310-11	Diaphragm Vacuum Pump, 115V 60Hz
K48319-10	Steam Generator, 230V 50/60Hz
K48319-11	Diaphragm Vacuum Pump, 230V 50/60Hz

## features of fuel oil ageing bath

- Structure in stainless steel with 6 air wells
- Working temperature up to 100°C
- Motor stirrer
- Oil bath equipped with drain tap
- Temperature controlled by a digital thermoregulator PID with overtemperature alarm and temperature probe
- Safety thermostat with warning lamp

## ordering information

catalog no.	description
K48320	Fuel Oil Ageing Bath, 115V 60Hz
K48329	Fuel Oil Ageing Bath, 230V 50Hz
K48320-1	Conical Flask (pack of 10)
K48320-2	Air Condenser (pack of 10)
K48320-3	Fuse pk/5



K48320 Fuel Oil Ageing Bath