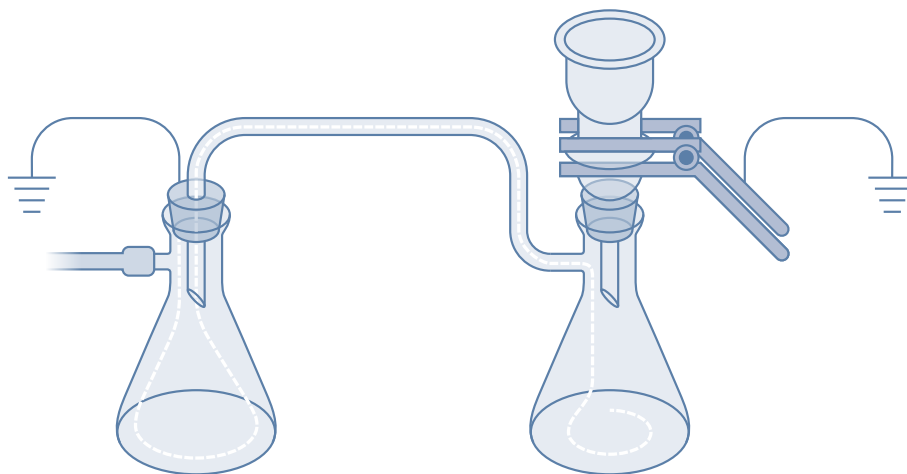




Particulate Contamination



3794+



1000462



LT/DO-248000/N-8



ASTM D6217

Standard Test Method for Particulate Contamination in Middle Distillate Fuels by Laboratory Filtration.

This test method covers the determination of the mass of particulate contamination in a middle distillate fuel by filtration.

This test method is suitable for all No. 1 and No. 2 grades in Specifications D396, D975, D2880 and D3699 and for grades DMA and DMB in Specification D2069.

2645

Manual Apparatus for Filter Assembly

- 2 x 2000 ml vacuum flask made of glass with side welded nozzle for filtrations under vacuum with rubber stopper, vacuum connection tube.
- Glass funnel set with filter support 47 mm and upper receiver with 250 ml graduated capacity.
- Double grounding system for connection to laboratory ground.
- Flat-bladed forceps for manage the filters.
- Nylon membrane filters, 47 mm diameter, nominal pore size of 0.8 µm.
- Graduated cylinders 100 ml and 1000 ml capacity.
- 18 pcs. of Petri Dishes with cover to protect the membrane filters.

Spare Parts

- 7537: Glass Petri dishes 60 x 12 mm, pack of 18 pcs.
- 7699: Nylon membrane filters, 47 mm diameter, nominal pore size of 0.8 µm, pack of 100 pcs.
- 2645-r: Set of 2 rubber stoppers with holes for ASTM D6217 apparatus.

Accessories

- 3794+: Diaphragm vacuum pump, for U.S. Air Force T.O. 42B-1-1 Jet Fuels filter test time.
 - 100% oil-free transfer and maintenance-free.
 - Pure transfer, evacuation and compression.
 - Highly compatible with vapours and condensation.
 - Chemically-resistant; therefore, suitable for highly aggressive or corrosive gases and vapours.
 - Environmentally friendly.
 - Delivery: 30 l/min.
 - Ultimate vacuum: 100 mbar abs.
 - Manual regulator with analog vacuum gauge 0-1200 mbar.
 - Operating pressure: 0.5 bar g.
 - Connectors for tube: ID 10 mm.
 - Power Supply: 230 Vac 50 Hz - IP20.
 - Weight: kg. 3.95.
 - Dimensions: 36,1 x 14,1 x 10,2 cm.
- 1000462: Laboratory solvent dispenser.
 - Wash capacity up to 1 lt.
 - Filter container made in stainless steel 25 mm diameter.
 - Filter 0.45 µm, 25 mm diameter (P/n 5237), pack of 100 pcs.
 - Borosilicated glass flask.
 - PTFE High quality seal.
- 5237: Omnipore PTFE filters, 25 mm diameter, 0.45 µm, pack of 100 pcs.
- 2596: Sampling container, 1 liter capacity, made of glass with screw cap, pack of 4 pcs.

- LT/DO-248000/N-8: Mini-oven.
 - 8 liters capacity.
 - Natural convection.
 - For temperature from: +5 ambient up to +200°C.
 - Power supply 220 Vac 50/60 Hz.
- 1000015: Semi Micro Analytical Balance.
 - Capacity: 100 g.
 - Linearity: +/- 0,03 mg.
 - Response time: 6/8 sec.
 - Calibration: internal.
 - Division: 0,01 mg.
 - Repeatability: +/- 0,03 mg.
 - Pan diameter: 80 mm.
 - LCD display with small decimal digits.
 - Membrane keyboard, water proof and solvent resistant, easy to use with TARE, ON/OFF, PRINT and MENU.
 - Indication of the reached stable weight.
 - Bar-graph indicator of dosage and remaining capacity of the balance.
 - Parameters configurable by menu: reading in g (grams), lb (pound), oz (ounce), ct (carats), pcs (pieces), % (percentage).
 - Full scale automatic calibration with internal and/or external mass.
 - Weighing underneath the balance.
 - Selectable response time: "fast/slow".
 - Data output: RS232 I/O adjustable.
 - Operating temperature: 18° ÷ 35°C.
 - Power supply: 230 Vac (-15/+20%) 50 Hz.
 - Power consumption: 200 mA.
 - Dimensions: 21,0 x 34,0 x 32,0 cm.
 - Weighing chamber dimensions: 18,0 x 17,0 x 22,0 cm.
 - Net weight: 6,6 kg.