



Particulate Contamination



LT/PC-155000/M



LT/PC-156000/M

ASTM D5452
 IP 440

Particulate Contamination in Aviation Fuels.
 This test method covers the gravimetric determination by filtration of particulate contaminant in a sample of aviation turbine fuel delivered to a laboratory.

Art. LT/PC-155000/M**Particulate Contamination ASTM D5452**

- Metallic filter funnel supported by a base with support for closing of the tightness membrane
- 100 pcs. of 0.8 micron membrane filters Ø 47 mm made of cellulose acetate
- 5 litres filling container made in stainless steel with stopper for spillage
- Two receiver and security 5 litres cylindrical bottles for vacuum
- Connection bottle to bottle by vacuum tube
- Bottles provided with grounding system
- Metallic structure for apparatus assembling
- Rubber stoppers and tubes for connection

Art. LT/PC-156000/M**Particulate Contamination IP440**

- Membrane filter apparatus composed by:
 - 2 x 500 ml filtering flask complete with protective mesh, rubber stoppers and connecting tube
 - grounding system
 - filtration funnel made in stainless steel complete with filter holder also made in stainless steel
 - membrane filters 47 mm Ø, 0.8 µm, pack of 100 pcs.
 - beaker 250 ml tall form
 - beaker 600 ml tall form
 - beaker 1000 ml tall form
 - desiccator with porcelain dish
 - watch glass
 - stainless steel forceps
 - vacuum pump

Accessories

- LAB-106-007: laboratory solvent dispenser
 - wash capacity up to 1 litre
 - filter container made in stainless steel Ø 25 mm
 - filter 0.45 µm, Ø 25 mm, JHWP02500, pack of 100 pcs.
 - borosilicated glass flask
 - PTFE high quality seal

Spare Parts

- LAB-101-553: membrane filters Ø 47 mm, pack of 100
- LAB-101-556: rubber stopper, pack of 2, and tube for connection
- LAB-101-557: grounding system
- LT/DO-248000/N-20: hot air oven, natural ventilation, 20 liter capacity

Accessories for ASTM D5452

- LT/VP-8618/K: diaphragm vacuum pump
 - 100% oil-free transfer
 - pure transfer, evacuation and compression
 - compatible with vapours and condensation
 - chemically-resistant gases and vapours
 - maintenance-free
 - environmentally friendly
 - delivery 6 l/min
 - ultimate vacuum 100 mbar abs.
 - connectors for tube ID 4 mm
 - power supply: 230 V - 50 Hz / 115 V - 60 Hz
 - weight: kg 1.9
 - dimensions: 164 x 141 x 90 mm
- LT/B-2470/BCA200: analytical balance
 - capacity: 210 g
 - readability: 0.1 mg
 - linearity: ± 0.2 mg
 - repeatability: ± 0.05 mg
 - response time: 6/10 sec.
 - pan diameter: 80 mm
 - calibration: internal
- LAB-100-332: digital stopwatch