



OilLab 560 Evaporation Bath



OilLab 560



1000160



LT/FA-247000/M



5210

ASTM D381
DIN 51784
IP 131
IP 540
EN ISO 6246

Gum Content in Fuels by Jet Evaporation.
This test method covers the determination of the existent gum content of aviation fuels, and the gum content of motor gasolines or other volatile distillates in their finished form (including those containing alcohol and ether type oxygenates and deposit control additives) at the time of test.

OilLab 560 - Automatic Evaporation Bath Air and Steam Jet

- Bench top instrument with steel structure painted with anti-epoxy products.
- Rectangular aluminium metal block bath deeply coated equipped with 8 x removable adapters.
- Upper cover in stainless steel for easy cleaning.
- 2 x dedicated inlet lines.
 - Air inlet with in-line digital flowmeters for monitor the instant air-flow for each position and regulate it through in-line proportional valves.
 - Steam inlet with distribution manifold, super heater with drainage valve and manual regulation valves for fine regulation of the flow.
- 8 x jets, one for each test place, fitted with its conical adapters with 500 to 600-micron screens.
- Stainless-steel total contact heating elements assure fast heating, uniformity and stability to the metal block up to +280°C, temperature precision and stability 0.1°C.
- Managed by a Touch Screen Panel PC by means of the Lab-Link software running in Windows ambient.
 - TFT/LCD 12", resolution 1024 x 768 16M colours.
 - 2 x I/O ports: USB for connection to an external printer, mouse, keyboard.
 - Storage capacity for more than 60'000 analysis.

- Software performance.
 - Monitoring of temperature and timer for each test position.
 - Perform analysis according to ASTM D381 or customized method.
 - Diagnostic control of each independent air or steam valve.
 - Calibration: bath temperature, up to 100 points; flow sensor, independently for each sensor.
 - Timer setting for each outlet.
- Rear connection for automatic pilot of LT/FA-247000/M.

Temperature Range

- ambient to +280°C, with precision 0.1°C.

Dimensions and Weight

- 48 x 48 x 56 cm.
- 45 kg.

Power Supply and Consumption

- 230 Vac or 115 Vac - 50/60 Hz.
- 2300 Watt - 2 x 12A fuses.

Accessories

- T-AS3C: Thermometer ASTM 3C.
- 5550: Tongs made in stainless steel with corks protection, total length 250 mm.

Steam Accessories

- 1000160: Industrial steam generator.
 - Steam supply: 19.5 kg / h.
 - Heating power installed: 15-18 Kw.
 - Steam temperature @ 3.5 bar: 152°C.
 - Power supply: 400 V, 3 ph, 50 Hz.
 - Working pressure: 5 bar.
 - Max. working pressure: 5,5 bar.
 - Water: must be connected to a water line (boiler capacity 10 liters).
 - Delivery tube 3 meters.
- OilLab 142: Steam verification kit composed by 2000 ml graduated glass cylinder and copper tube.

Air Accessories

- LT/FA-247000/M: Side channel flow apparatus.
 - Full die-cast aluminium construction.
 - No contact between rotating and static components.
 - Motor power: 2.20 kW.
 - Power supply: 230 V 50/60 Hz or 115 Vac.
 - Designed flow rate: 150 m³/h - 0 mbar.
 - Noise level: 66 dB(A).
 - Weight: 27 Kg.
 - Connection tube for instrument: 1 meter.
- 5210: Air filter for flow apparatus.
 - Kit composed by filter support with screwing cover made in painted steel, filter element with particle retain and adapter for connection to flow apparatus.
- 7084: Filter element (spare of kit p/n 5210).
- 3189: Mass flow meter.
 - Flow mass range from 1.2 to 60 nl/min.
 - Digital display readout.
 - Connection joints 1/4".
 - Power supply: battery or micro-USB power supply.
 - Operating pressure: 0.2 – 11 bar.
 - Made in anodized aluminium, Fkm seals.
 - Repeatability ± 0.5% of full scale.

Spare Parts

- 1052: Pyrex® beaker.
- 3168: PT100 probe 180 mm – for heating block.
- 3178: Solid state relay 40 A.
- 3114: Heating cartridge 100 mm for heating block, pack of 2 pcs.
- 3168: PT100 probe 180 mm for steam superheat block.
- 3114: Heating cartridge 100 mm for steam superheat block, pack of 2 pcs.
- 3169: Safety thermostat.
- 7082: Air jet complete, pack of 4 pcs.
- 5476: Spare metallic mesh, pack of 10 pcs.