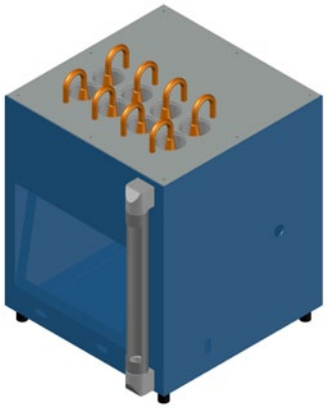
LINETRONIC TECHNOLOGIES

OilLab 560

Evaporation Bath

ASTM D381
DIN 51784
IP 131

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 ASTM D381

- New concept for the ASTM D381 / IP131 / DIN 51784 analyser with safe space bench top design.
- Up to 8 test place positions in a small compact cabinet painted with resistant epoxy powders.
- Dimensions: 42 × 42 × h 45 cm.
- Weight: 32 kg.
- Able to work with air and steam.

Main features:

- 2 dedicated input lines , 1 for air and 1 for steam protected externally by manual valve and internlly by 2 independent electric valve cobntrolled by the software running in to the panel pc;
- built in superheater of 400 W for steam, automatically activated when steam use is requested with PT100 sensor for temperature control;
- aluminum block with 8 test place positions with high speed heating elemnts (4 heaters), with a total power of 2300 W and PT100 sensor for bath temperature control;
- short time needed to heat from ambient up to 240°c, only approx 8 minutes;
- once the test temperature is reached only 2 heaters of 700 W are used to keep the bath stable by the integrated pid control granted by the software;
- this feature reduce at the minimum the waiting time to operate;
- automatic stand by mode, after the complete test the software will stop the heating control placing on stand by mode, this feature grant 2 strong point:

1 The operator is not in charge to switch off the heat at the end of test (safety increased on your lab);
2 Save energy reducing the power consumption (save money for your further investments).

LINETRONIC TECHNOLOGIES

OilLab 560
Evaporation Bath

LT/B-2470/BCA200

LAB-102-423

LT/DO-248000/N/50

The unit is also equipped with:

- large visible analog flow meter with metal protection sheet for the correct reading of the air flow;
- integrated sensor for steam pressure;
- built in 8" touch screen panel pc high visibility, that includes lintech software application for ASTM D381 / IP 131 / DIN 51784;
- standard program for air and steam and customized program;
- diagnostic menu;
- calibration menu;
- 2 x USB port placed on the front in order to export data and software update;
- flow apparatus LT/FA-246000/TSA210, not included.

Power Supply

- 230 VAC - 50/60 HZ
- 115 VAC - 60 H

Accessories

LT/B-2470/BCA200: analytical balance
LT/DO-248000/N/50: natural ventilation oven
LAB-102-421: Pyrex® beaker
LT/FA-246000/TSA210: flow apparatus
LAB-102-423: steam generator
T-AS3C: thermometer ASTM 3C IP 73C

Spare Parts

LAB-102-421: Pyrex® beaker
LAB-140-001/A: PT100 probe
LAB-160-014: digital thermoregulator
LAB-150-015/40: static relay
LAB-560-005-06: PT100 bath sensor
LAB-560-005-06C: PT100 supeheater sensor
LAB-560-005-03: heater cartrdige, 350 W
LAB-560-005-05: heater collar, 420 W
LAB-560-005-07: heater cartridge, 800 W

CE

Linetronic Technologies
Via Onorio Longhi 2
6864 Arzo
Mendrisio
Switzerland
tel. +41 91 630 07 03
fax +41 91 630 07 19
email: info@lin-tech.ch

CERTIFIED ISO 9001:2008 COMPANY
SWISS CERTIFICATION SCES 040