OilLab 573
Oxidation Stability - RSSOT

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CE



ASTM D7525
ASTM D7545

ASTM D7525
Standard Test Method for Oxidation Stability of Spark Ignition Fuel — Rapid Small Scale Oxidation Test (RSSOT)

This laboratory test method covers the quantitative determination of the stability of spark ignition fuel, including those containing alcohols or other oxygenates, under accelerated oxidation conditions, by an automatic instrument.

ASTM D7545
Standard Test Method for Oxidation Stability of Middle Distillate Fuels — Rapid Small Scale Oxidation Test (RSSOT)

This laboratory test method covers a quantitative determination of the stability of middle distillate fuels such as diesel fuels and heating oils, with up to 100 % biodiesel, under accelerated oxidation conditions, by an automatic instrument.

OilLab 573
Automatic Oxidation Stability Analyzer

- Automatic benchtop instrument for determining oxidation in accordance with ASTM D7525 and D7545 standards.
- Internal dry stainless steel test chamber with a 20ml capacity.
- Automatic oxygen filling and exhaust system.
- Stainless steel lid with o-ring seal.
- Integrated pressure sensor capable of measuring up to 1800 kPa.
- Class A PT100 temperature sensor with 0.1°C resolution/accuracy.
- Heating capacity above +140°C, forced air cooling.
- Equipped with a 7" touchscreen display.
  - 40 GB internal storage.
  - 2 USB ports, 1 RJ45 Ethernet port.
  - Dedicated management software, with the option of remote control via optional ALINK software.
  - Pressure is displayed in real time via a graph in kPa.
  - Export results via .xls, .jpg, or .pdf file format.
  - Calibration menu for temperature and pressure.

Power Supply
- 220 Vac, 50/60 Hz.

Dimensions
- 35 × 38 × 35 cm.

Weight
- 60 kg (empty).

Spare Parts
- LAB-573-014: O-ring for test cell sealing, pack of 100 pcs.

Calibration Tools
- 3764: Pressure calibration kit.
  - Hand pump with connection tube for pressure -0,95 …+35,0 bar.
  - Adapters.
  - Digital pressure gauge –1…+30 bar rel. ±0.1%FS.
- 3013: Calibration decade box - PT100 Simulator.
- 3102: Kit of connectors and cables.
- 15902/573: Stainless steel cover with hole for calibration.
- 3887/573: Temperature sensor for tank calibration.



3764