OilLab 6900 / OilLab 6901 Tag

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ASTM D56
ASTM D3278
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Subject

Flash point on petroleum products having a flash point between ambient temperature and +93°C. Suitable for flash point detection on different substances and (NO) waste materials, solvents…

OilLab 6900 / OilLab 6901 - Double / Single Automatic Tag Flash Point Analyser

- Two calibrated brass crucible with sample level mark (OilLab 6900).
- One calibrated brass crucible with sample level mark (OilLab 6901).
- Ignition system: gas or electric lighter.
- Control system: on microprocessor based.
- Temperature measurement: platinum resistance, PT100, Class A with SS sheath.
- Built-in barometric sensor with automatic barometric correction of results executed by the software.
- A single multi-detector combines the ionization detector and thermal detector.
- Heating: electrical heater with heating rates as per method.

Temperature range

- OilLab 6900: up to +110°C, lower temperature depending on the source connected to the instrument.
- OilLab 6901 +8°C … +110 °C.

Cooling

- OilLab 6900: External cooling joints, mandatory for granting temperature below ambient.
- OilLab 6901: via internal Peltier Module.

Safety features

- Automatic diagnostic in case of breakage of the sample temperature probe and thermal sensors.
- Automatic fire detection and extinguisher system.
- Overheating protection with auto shut off during the test.
- Gas valve for closing the gas supply.

Built-in Touch Screen Panel PC

- For the managing of the analyser by means of the Lab-Link software.
- 10.1" Fanless Panel Pc Intel® quad-core processor.
- PCAP touch screen: finger, gloves and tft stylus compatible.
- Resolution 1024 × 768 and 16.2 M colours.
- 2 × USB for connection to an external printer.
- 1 × Ethernet port for LAN or Lims network.
- Storage capacity for more than 65'000 analysis.

Lab-Link operating software

- Automatic execution of the analysis as per method.
- Automatic handling of samples with unknown flash point.
- Display in real time of all the analysis parameters and status.
- Field for introduction of operator and product name.
- Expected flash point temperature programmable.
- Audible alarm and displayed message for end analysis, errors/malfunctions.
- Configuration menu with up to 20 preset sample and expected flash point.
- Automatic barometric correction of result.
- USB flash memory pen drive with the installed software with calibration and settings (copy of backup), User Manual (PDF format).

Electrical Supply

- Cord cable with Schuko plug.
- 220 V / 50 Hz
- 115 V / 60 Hz

Ambient Temperature

- Max 35°C
- H.R. 80%

Dimensions & Weight

- width 49 cm, depth 60 cm, height 32 cm, 30 kg.

Calibration Tools

- Testo511: absolute barometer.
- 3013: calibration decade box - PT100 Simulator.
- 17587: kit of connectors and cables for OilLab 6000 series.

Spare Parts

- 5755: calibrated brass crucible with handle.
- 17314: PT100 product.
- 3761: electrical ignitor long life.
- 3646: thermal ionisation PT100 sensor.

Accessories

- LT/CB-40830/M-PLUS: Laboratory cryostat bath for temperatures up to -30°C.
  - Pump for external circulating option.
  - Solid steel structure coated in epoxy anti-acid paint with upper side made in stainless-steel.
  - Internal chamber in seamless stainless steel with rounded corners for efficient circulation.
  - Easy cleaning thanks to atmospheric drain on the bottom of the chamber.
  - Control head equipped with digital display showing set and actual temperature, display resolution 0,1°C.
  - Temperature range from -30°C to +99,9°C accuracy to ±0,5°C to +37°C.
  - Manual safety thermostat against overtemperature
  - Circulating pump: prevalence 4m / 2 l - min ~ prevalence 1 m /12 l - min.
  - Weight: 20 kg (empty).
  - Dimensions: W 335 × D 470 × H 630 mm.
  - Capacity 8 liters.
  - Power supply: 220 Vac or 115 Vac 50/60 Hz .
  - Max. consumption 1500 Watt.
  - DIN 12880 class 2 construction type.

Reference Sample

- 7271: Certified reference material Tag closed cup; product nature: Jet A1; certified value: + 40.0 °C approx.; pack size: 250 ml.