# OilLab 6700 / 6701 Cleveland

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CE





ASTM D92, ASTM D8254
AASHTO T48
DIN 51376
EN 22592 (obs.)
IP 36
ISO 2592
JIS K 2265-4

Flash and Fire Point on petroleum products, gas oils, fuel oils, lubricants.
Suitable for flash and fire point detection on different substances and waste materials, having a flash point over 79°C.

### OilLab 6700 / 6701
### Automatic Cleveland Flash Point Analyser Stand Alone

- OilLab 6700: two calibrated brass crucible with sample level mark.
- OilLab 6701: one calibrated brass crucible with sample level mark.
- 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 methods.
- Temperature range: ambient … +400 °C.
- Cooling: inbuilt forced air fan for automatic cooling at the end of test.
- 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.
- Automatic safety closing cup system which covers the crucible at the end of the flash point analysis and auto-extinguishes the product after fire point tests.
- Built-in Touch Screen Panel PC for the managing of the analyser by means of the Lab-Link software.
  - 0.1" Fanless Panel Pc Intel ® quad-core processor.
  - PCAP touch screen: finger, gloves and TFT stylus compatible.
  - Resolution 1024 × 768 and 16.2 M colours, contrast 900:1.
  - 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 methods selected.
  - 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.
- Cord cable with Shuko plug.
- USB flash memory pen drive with the installed software with calibration and settings (copy of backup), User Manual (PDF format).

### Electrical Supply
- 220 V o 115 V 50/60 Hz

### Ambient Temperature
- Max 35°C
- H.R. 80%

### Dimensions & Weight
- width 49 cm, depth 60 cm, height 32 cm.
- 30 kg

### Tools Required for Routine Calibration
(Not mandatory for installation)
- 3013: calibration decade box - PT100 simulator
- 17587: kit of connectors and cables for OilLab 6000 series.

### Spare Parts
- 3926: Electrical ignitor long life.
- 17314: PT100 product.
- 3646: Thermal ionisation PT100 sensor.
- 5127: Calibrated Brass crucible.
- 17353: Fuses 6.3A, box of 10 pcs.

### Reference Sample
- 7606: Certified reference material Cleveland Open Cup, ASTM D92.
  - Product Nature: Mineral Oil.
  - Certified Value: + 85.0 °C approx.
  - Pack Size: 3 × 80 ml.
- 7605: Certified reference material Cleveland Open Cup, ASTM D92.
  - Product Nature: Mineral Oil.
  - Certified Value: + 125.0 °C approx.
  - Pack Size: 3 × 80 ml.
- 7603: Certified reference material Cleveland Open Cup, ASTM D92.
  - Product Nature: Mineral Oil.
  - Certified Value: + 160.0 °C approx.
  - Pack Size: 3 × 80 ml.
- 7755: Certified reference material Cleveland Open Cup, ASTM D92.
  - Product Nature: Mineral Oil.
  - Certified Value: + 200.0 °C approx.
  - Pack Size: 3 × 80 ml.
- 7717: Certified reference material Cleveland Open Cup, ASTM D92.
  - Product Nature: Mineral Oil.
  - Certified Value: + 250.0 °C approx.
  - Pack Size: 3 × 80 ml.