OilLab 690
Tag

CE

ASTM D56
ASTM D3278
ASTM D3934
ASTM D3941
IP 304
IP 491
IP 492
ISO 1516
ISO 1523
ISO 3679

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…

Automatic Tag Flash Point Analyser
- 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 metal shield.
- Built-in barometric sensor with automatic barometric correction of results executed by the software.
- Detection of the flash point by ionization/thermal flash detector.
- Heating and cooling by High Tec Peltier module + external cooling joints (mandatory for granting temperature below 0°C).
- Temperature range: +8°C up to +110°C, with external cooling temperature range extended to -30°C.
- Safety features:
  · Auto fire detection with alert alarm;
  · Fire extinguishing system with connection for external inert gas.

· Built-in Touch Screen Panel PC for the managing of the analyser by means of the Lab-Link software:
  · Large display TFT/LCD 8" to show the test temperature, test conditions, service parameters, calibration procedures etc…;
  · Resolution 1024 × 768 and 16 M colours;
  · I/O ports: 2 × USB for connection to an external printer and /or external PC;
  · Storage capacity for more than 60'000 test results and 10 different test method.
· Lab-Link operating software:
  · Automatic execution of the analysis as per methods;
  · Automatic handling of samples with unknown flash point;
  · Automatic barometric correction of results;
  · Alpha numeric keypad on the touch screen with function keys;
  · Calibrating menu with up to 50 calibration points;
  · Auto Calibration Menu with calibration time recorded.
· Diagnostic Menu:
  · Protection password for settings and calibration menu;
  · Expected flash point temperature programmable.

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

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

Dimensions
- width 48 cm
- depth 37 cm
- height 61 cm

Weight
- 32 Kg

Accessories
- 5050: gas reducer 30 mbar.
- 5052: gas connection tube, 5 m.
- LT/CB-40800/M-30: cryostatic bath for temperatures up to -30°c:
  · Professional cryostatic baths ideal for all thermostatic application;
  · Outer body in steel coated in epoxy anti-acid paint;
  · Double wall heat insulation;
  · Internal chamber in seamless stainless steel with rounded corners for efficient circulation and cleaning;
  · Digital display P.I.D. thermostat;
  · Temperature range from -30°C to +99,9°C accuracy to ±0,5°C to +37°C (BC);
  · Display precision ±0,1°C;
  · Exit RS 485;
  · Safety thermostat;
  · Power supply 230 V / 115 V;
  · Built according to C.E.I. normatives (66-5), 2 class, DIN 12880;
  · Capacity: 8 litres.

Spare Parts
- LAB-690/07-01/P: electrical ignitor platinum coil.
- LAB-690/08-12: PT100 product.
- 5755: calibrated brass crucible.
- LAB-690/08-13: ionisation / detection cable.
- LAB-690/08-17: thermal flash detector.
- LAB-690/08-66: thermal fuses.

Calibration Tools
- 3013: calibration decade box - PT100 simulator.
- 3102: kit of connectors and cables.