

TAG

Flash Point Tester

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

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. The sample is warmed up according to the methods. When the sample reaches the selected test temperature, the shutter is opened and the ignition system introduces itself automatically. If the flash point is reached, the detection is done by an ionisation detector. If not, the shutter closes again and the sample continues to warm up until the next test temperature.

Features

- 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.

