

# YK-4647D

## Automatic Cleveland Open Cup Flash Point Tester

### Summary

This instrument is designed and made as per *GB/T3536-2008 Petroleum Products - Determination of Flash and Fire Points - Cleveland open cup method* and *ASTM D 92 Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester*. It is applicable to all petroleum products with flash points above 79°C and below 400°C except fuel oils.



### I. Main technical features

1. It adopts an 8-inch IPS high-definition capacitive screen. Using 32-bit ARM processor and high-precision AD chip, the test data and parameters are recorded in real time and displayed by curve.
2. Automatic measurement of atmospheric pressure, automatic correction of flash point value.
3. Equipped with Bluetooth interface. The user can query test data anytime.
4. Electronic ignition, gas flame..
5. Remote automatic upgrade to obtain the latest version, remote prediction, abnormal early warning, comprehensive evaluation and maintenance of instrument operation status.

### II. Main technical specifications

1. Power supply: AC (220±5%) V, 50Hz
2. Total power consumption:  $\cong$  750W
3. Flash point determination: Range: Ambient to 400°C; Accuracy: 0.1°C
4. Heating rate: (1) Initial heating: (14~17) °C/min  
(2) It is (5-6) °C / min after reaching the preset flash point 20 °C
5. Igniting mode: (1) Electric ignition,  
(2) Diameter of igniter: 0.7mm~0.8mm
6. Fire extinguishing device: (1) when the fire point appears, it can automatically extinguish the fire and return to its original position; (2) it can also manually press the key to extinguish the fire.



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7. Data transmission mode: Bluetooth

8. Ambient temperature: (15~35)°C

Relative humidity: ≤85%

9. Dimension: 510mm×320mm×330mm

10. Net weight: 20kg