GDKS-205 Automatic Flash Point Open Cup Tester

Product information

GDKS-205 automatic open cup flash point tester is the device testing open cup flash point for petroleum products. It use module design which one host can control several testing furnace, to test different samples at the same time or separately. The testing furnace port can be connected to the host disorderly. It widely used in the field of railway, air company, power, petroleum and research department.

Features

- 320*240 TFT LCD touch screen.

- With high speed signal processor control, reliable and high accuracy.

- One host can control several test furnace to test several samples at one time, which will save testing time.

- Detection, ignition, alarm, cooling, printing, the whole testing process is completed automatically.

- Platinum electric wire or gas ignition.

- Built-in atmosphere pressure sensor, auto-measure and calibrate result.

- Self-adaptive PID control calculation, automatic adjusting temperature rise curve according to standard requirements.

- With fault auto-detection alarm function.When sensor fault, sample mistake, temperature over value, the instrument will stop automatically and alarm.

- Calendar clock with temperature compensation, and accurate travel time, automatically recording the date and time of measurement, in a power down state can be operation for more than 10 years.

- Built-in high speed thermal printer.

- Store up to 255pcs history records.

- Built in multiple execution criteria for selection.

Specifications

- Temperature measure range: -59.9℃--399.9℃;

- Temperature control range: room temperature--399.9℃;

- Repeatability: ≤150℃ 3℃; >150℃ 5℃;

- Resolution: 0.1℃;

- Accuracy:0.5%;

- Thermometric sensor: Pt resistance (A grade PT100);

- Flash fire sensor: Ion detection ring;

- Power voltage: AC220V±20% 50HZ±10%;

- Max.Power: <500W;

- Environmental temperature: -10℃-40℃;

- Relative humidity: ≤85% RH;

- Ignition method: Gas flame or electric ignition;

- Weight: 14kg;

- Dimension: 440*280*290mm;