

## HZKN20B Automatic saturated vapor pressure tester (Reid method)

### I. Overview

1. The automatic saturated vapor pressure tester is an analytical instrument used to determine the vapor pressure of gasoline, volatile crude oil and other volatile petroleum products. The instrument performs saturated vapor pressure measurement according to the following standard: GB/T8017 ASTM D323.
2. The automatic saturated vapor pressure tester fully reaches the level of similar foreign products with its advanced design concept. The key components are imported, such as sensors, industrial computers, etc., which greatly guarantees the accuracy of the data and the stability of the instrument.
3. The environmental conditions for using the instrument are: ambient temperature  $10 \sim 35^{\circ}\text{C}$ , humidity  $\leq 85\%$ ,  
Working power supply  $\text{AC}220\text{V} \pm 10\%$ , 50Hz.

### II. Structural characteristics

1. This instrument has a desktop structure, as shown in the figure.



2. Embedded computer, single-chip computer, 7-inch color touch screen, full Chinese operating system, and friendly interface.

3. Imported high-precision pressure sensor with a resolution of 0.01KPa. Fully meet the requirements of the latest GB/T8017-2012 standard, and the result is more accurate.

4. It can store 2000 test results, which can be consulted and printed at any time.

5. Equipped with a fast thermal printer, printing test results more quickly.

6. The instrument will automatically control the temperature after it is turned on, and the temperature will alarm when the test requirements are reached. After the oil sample is loaded, the instrument will automatically perform the test and save the test results.

7. Three test projectiles can test 3 sets of data at the same time, or make 3 parallel samples.

### III. Technical parameters

- ◆ Rising speed: from room temperature to  $37.8^{\circ}\text{C} \leq 40$  minutes
- ◆ Automatically alarm when the bath temperature reaches  $37.8^{\circ}\text{C}$
- ◆ Temperature control correction function: temperature can be corrected
- ◆ Constant temperature accuracy:  $\pm 0.1^{\circ}\text{C}$
- ◆ Continuous working time: 24 hours
- ◆ The power of the whole machine: 1800W
- ◆ Pressure detection method: high-precision imported sensor
- ◆ Number of test shells: 3 shells
- ◆ Printer: thermal printer
- ◆ Test storage results: 2000