

SYD-17144A Carbon Residue Tester (Micromethod)

Summary

This instrument is designed and made as per GB/T17144-2021 Standard Test Method for Carbon Residue of Petroleum Products-Micromethod. It is suitable to determine the amount of carbon residue of petroleum products.

Main technical features

- ◆ This instrument adopts all-in-one structure. It consists of two parts: electrical control chamber and high temperature heating furnace. The design is simple and reasonable.
- ◆ It adopts industrial computer control system machine system. The instrument controls the whole procedures automatically according to program preset.
- ◆ The screen adopts all English interface. Operator can do determination by prompts on the screen even no need to read the operation manual. Easy to operate.
- ◆ It controls the flow rate of nitrogen, temperature heating rate and preset temperature automatically. Easy to adjust the flow rate. The heating rate is accurate and temperature control is stable.
- ◆ Automatically collect test data, automatically calculate test results, and export files through USB serial port.
- ◆ The measurement range of this instrument is 0.10% (m/m) ~ 30.0% (m/m) .
- ◆ The instrument can also be used to determine the petroleum products composed of distillate oils which carbon residue is lower than 0.10% (m/m) . But the specimen shall be sampling to 10% (V/V) distillation residue according to GB/T17144-2021 requirement firstly.

Main technical specifications

- ◆ Power supply: AC (220±10%) V, 50Hz
- ◆ Power consumption: ≤1400W
- ◆ Temperature of coke chamber: 500°C
- ◆ Temperature control accuracy: ±2°C
- ◆ Ambient temperature: 15°C ~ 35°C
- ◆ Relative humidity: ≤85%
- ◆ Net Weight: 18.5kg

