



GDYN-901 Kinematic Viscosity Tester



Product Description

GDYN901 is suitable to determine kinematic viscosity of liquid petroleum products. This apparatus has the function of timing of the trial sample movement and can calculate the final result of kinematic viscosity. This method is suitable to determine kinematic viscosity of liquid petroleum products (It refers to Newtonian liquids), and its unit is m^2/s . Generally in actual utilization, the unit is mm^2/s . The dynamic viscosity is equal with the result which use kinematic viscosity to multiply the density of the liquid. By this method, it can determine the time that the liquid with the certain volume flows past the calibrated glass capillary viscometer under the gravity in the certain stable temperature

and the value that the constant value of capillary in the viscometer multiplies the flowing time, that is, the determined kinematic viscosity of liquid at the temperature. At the temperature, the value that kinematic viscosity multiplies the density of the liquid in the same temperature is the dynamic viscosity at the temperature.

Features

- LCD screen, easy operation .
- With the keyboard, parameters such as constant value of viscometer, controlled temperature value, fine-tune temperature value, test times etc.can be set. It also has the memory function.
- Using quality sensors, PID digital technology to control the temperature, with wide range to control the temperature, high precision to control the temperature.
- Calendar clock with no power down function. When start-up, the present time can be shown automatically.
- Touch type inductive button, with long lifespan.
- Test times can be adjusted from 1 to 6, convenient to test.
- Test record can be saved, convenient to review.

Specifications

- Liquid bath holes: 4
- Range of controlling temperature: -60--99°C
- Temperature range: room temperature--100°C
- Precision to control the temperature: $\leq \pm 0.03^{\circ}\text{C}$
- Input power: AC220V \pm 10V, 50HZ
- Heating power: 800W
- Test times: 1 to 6 times, can be adjusted.
- Environmental temperature: 0°C~40°C
- Relative humidity: <80%