

RDZD-3501 Laboratory Oscillator

A multi-function laboratory oscillator is a kind of instrument used in the laboratory for vibration degassing of transformer oil and other samples. The instrument uses a color LCD screen, and the display content is rich and easy to use. The user can customise the instrument's heating, vibration, and static time according to the user's needs, using flexible functions, simple and convenient operation, and high-temperature control accuracy. A microcomputer program controls the laboratory oscillator, which has a small volume, is lightweight, and has low noise characteristics. The instrument has a built-in gas chromatography degassing program and a water-soluble acid mixing program, which can be run according to the user's custom.



Product Features

1. A microcomputer program controls the instrument and has small volume, lightweight and low noise characteristics.
2. Control the temperature accurately.
3. Small size, lightweight and low noise.



Product specifications and technical parameters

1. Operating parameters

Temperature control range: ambient temperature ~ 110°C

Temperature control method: digital PID

Temperature accuracy: $\pm 0.1^{\circ}\text{C}$

Shaker frequency: 275 ± 3 Cycle

Shaker amplitude: 35mm

Capacity: syringe 100mL \times 8

2. Run mode

Mode 1 (Degas): temperature 50°C; shaking 20min; standing 10min

Mode 2 (Mixing for Water-soluble acid): temperature 75°C; shaking 5min;
standing 0min

Mode 3 (user-defined): temperature 0~110°C; shaking 0~99min; standing
0~99 min

Shaking: start shaking or stop shaking

3. Other parameters

Ambient humidity: $\leq 85\%RH$

Ambient temperature: $-40 \sim +85^{\circ}C$

Power supply voltage: 200 ~ 240 V

Power frequency: 50 ~ 60 Hz

Power consumption: 450 W



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