

# HWY-1 Low Temperature Constant Temperature Water Bath



## Summary

The instrument is a laboratory instrument specially designed and made for corresponding factories and companies, construction units, research institutes, and colleges and universities. Using a refrigeration compressor of new type, the instrument has characteristics of fine refrigeration effect and low noise. It has been widely accepted by the users. It is with large cubage and high temperature controlling accuracy, so it is especially suitable to be used in the laboratories of highway engineering construction units.

## I. Main technical features

1. Using stainless steel sink, stainless steel work surfaces, spray cabinet, transparent glass bath cover, anti-corrosion ability, easy sample observation.
2. Using high-precision LCD temperature controller, working pump for circulating bath water bath, full cycle, to make the bath temperature uniform, beautiful and generous.
3. Large volume, reasonable design, simple operation, is the asphalt and mixture of scientific research, production and use of units, the petroleum products of scientific research, production and use of units, necessary for the relevant tertiary institutions, research institutes and other units, constant temperature, circulating water bath apparatus.

## II. Main technical specifications

1. Power supply: AC 220 V (-5% ~ +10%), 50 Hz;
2. Water bath capacity: 300 mm × 300 mm × 370 mm (length × width × height)
3. Suitable water cubage: 28 L;
4. Heating device: Electric heater, power is 1300 W;
5. Refrigeration device: refrigeration compressor of new type;
6. Temperature controlling range: 5 °C ~ 80 °C;
7. Temperature controlling accuracy: ±0.1 °C;
8. Ambient temperature: ≤30 °C;
9. Relative humidity: ≤85%;
10. Total power consumption: not more than 2000 W;
11. Dimensions: 750 mm × 540 mm × 580 mm (length × width × height);
12. Net weight: 30 kg.