SWT-100　Water Bath Shaker

Shaker & Rocker

Introduction

The SWT-100 Water Bath Shaker combines a thermostatically controlled water bath with an oscillating shaker. It is designed for use in colleges and universities, medical and petrochemical facilities, health and epidemiological prevention laboratories, environmental monitoring, and research involving biological, biochemical, cellular, bacterial and other liquid samples, as well as solid-state chemical oscillation.

Feature

1. Compact design with a distinctive appearance and versatile functionality. All surfaces in contact with water are made from high-quality, corrosion-resistant stainless steel.
2. TFT LCD display showing operating speed, temperature and time, with graphical symbols for clear, easy-to-read information.
3. Built-in chip memory stores nine commonly used parameter combinations and supports single-node or multi-node cycle operation.
4. Microcomputer-based PID control provides automatic temperature regulation, good temperature uniformity, high control accuracy and safety features.
5. The oscillation and heating mechanisms use a split design. The moving frame can be removed when oscillation is not required, allowing the unit to be used as a constant-temperature water bath.
6. DC motor for low-noise, maintenance-free operation and a long service life.
7. Transparent cover allows convenient operation and real-time observation of the instrument's internal operating status.

Remarks

The following numbers of conical flasks can be accommodated, depending on flask size:

- 1 × 1,000 mL conical flask
- 4 × 500 mL conical flasks
- 5 × 250 mL conical flasks
- 12 × 100 mL conical flasks







Parameter

Model	SWT-100
Heating capacity	10L
Temp. Control Range	R.T.+5℃ ~100℃
Temp.Stability（100℃）	±0.5℃
Time Range	1m~99h59m　OFF is forever
Oscillation mode	Reciprocating
Amplitude	26mm
Speed range	20~200rpm
Sink size((W×D×H)	250x304x200mm
Voltage	AC220/110V, 50/60Hz
Power	1100W
Dimensions(W×D×H)	W.288 x D.506 x H.350 mm
Net weight	10kgs