

Shaking Incubator Pump stirring type/reciprocating horizontal shaking

BT220

Temp. distribution accuracy	Shaking Stroke	Number of shaking
+/-0.1 deg.C (at 40deg.C)	20 mm	20 to 160 times /min

Desktop type requiring less space and easy to use

Compact design and easy-to-use shaking incubator water tank.



- The number of shakes can be adjusted at any number in the range from 20 to 160 times /min using a knob.
- The product is equipped with a shaking ON/OFF switch and can be used as an incubator water tank without shaking.
- Temperature may be set digitally with the up/down key. In addition, high precision temperature control as well as the shaking function in the bath with a pump allows higher temperature distribution accuracy.
- This product is compact but yet holds up to 72 test tubes of 16.5 diameter or three 300 mL conical flasks.
- The product has an improved safety which is equipped with dual overheat preventive device and no-liquid heating preventive device and an over current electric leakage breaker.

■ Control panel



■ Shaking rack



■ Specifications

Product code	221135
Model	BT220
Performance	
Operating temp. range	Room temp.+5 to 80 deg.C
Temp. adjustment accuracy	+/-0.05 deg.C (at 40 deg.C)
Temp. distribution accuracy	+/-0.1 deg.C (at 40 deg.C)
Temp. rising time	Approx. 40 min (from 23deg.C to 80deg.C)
Configuration	
Shaker motor	Geared motor: 25W
Shaking rpm setting	Analogue setting/scale display No-step speed control: 30 to 160/min
Shaking stroke	20 mm
Number of containers stored	Test tube: 16.5 dia. x 72 Flask: 100 mL x 5, 200 mL x 4, 300 mL x 3, 500 mL x 1
Controller	PID digital setting/display Fixed operation, timer operation (auto stop, quick auto stop, auto start)
Stirrer	Jet stirring induction motor
Heater	1.2 kW Copper pipe nickel plated
Function	
Safety functions	Automatic heating, sensor disconnection, over current electric leakage breaker, no-liquid heating prevention float switch
Standards	
Tank internal dimensions	224 x 328 x 200 mm (W x D x H) 14.7L
Shaking rack dimensions	200 x 186 x 175 mm (W x D x H)
External material dimensions	280 x 459 x 450 mm (W x D x H)
Interior material	Stainless steel
Power source	AC100V 13A (15A)
Weight	Approx. 19 kg
Accessory	
Accessory	Shaking rack