

Thermominder SDN-B/EXN-B

Even water level 45 mm from the bottom of bath can be used. Thermal insulation tray included. EXN-B equipped with Temp. control accuracy with two decimal places and Timer function.

Optional Combination Examples --> P.120

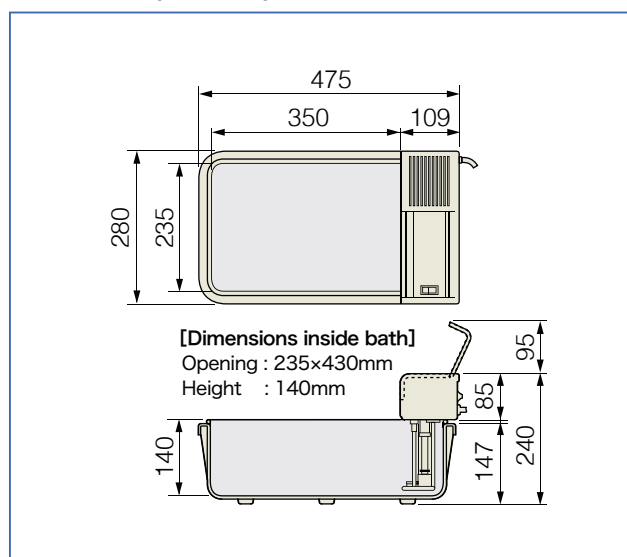
Features

- Low water level 45mm suitable for small vessels
- Simple operation system with Temperature memory
- Comes with Stainless steel Insulation tray (Water bath)

Applications

- Various incubations such as Enzyme reaction
- Temporarily Incubation of Culture medium
- Inactivation of Serum

Dimensions (Common)



Optional accessories : Heat-resistant Plastic Hood

Heat-resistant Plastic Hood
PF-B
Combination Examples



Shaking Water bath
Personal-11
Combination Examples



Description/Model	Remarks
Heat-resistant Plastic Hood PF-B	Low power consumption with reduce evaporation. Designed for these SDN-B and EXN-B.
Shaking Water bath Personal-11	The water bath equipped with shaking function. See 120page for details.



EXN-B with Timer function. 3 steps simple program operation with temperature memory in combination.

Model	SDN-B	EXN-B
Temperature range (*1)	5°C above RT to 70°C	
Settable temp. range (*2)	-20°C to +100°C	
Temp. control accuracy (*3)	±0.1°C to ±0.3°C	±0.02°C to ±0.08°C
Stirring method in Bath	Jet flow	Jet flow (4-level control)
Temperature display	Digitally (Changeable Preset/Current value)	
Temperature memory	3pc	
Timer	-	Buzzer notification for Preset time Operation OFF Each Setting range: 1min to 99h59min
Other functions	Buzzer notification when Preset temp. reached Automatic tuning	Buzzer notification when preset temp. reached Simple program (3 steps) Safety device output, Temp. input/output (*4) Automatic tuning
Minimum Water level	45mm from the bottom of bath	
Heater	800W	
Safe devices/ protections	Circuit protector, Fuse, Dry-heating protection with float, Sensor error, Short circuit, High/Low temp. sample protection, Water level alarm, Non-volatile memory error, Automatic tuning error, Alarm setting error	
Power failure	Switchable Automatic/Manual recovery	
Dimensions inside Bath	230(W)x350(D)x140(H)mm	
Main unit dimensions	280(W)x109(D)x215(H)mm (When Thermal insulation tray B-type used: 280W x 475D x 240Hmm)	
Weight	Approx. 3kg (6kg: Thermal insulation tray B-type included)	
Power supply/ consumption	AC100V/8.5A, 105Wh at 37°C	
Standard accessories	1 x Thermal insulation bath B-type (*5)	

(*1) Max. temp. might not be reached when optional Hood not used or depending on the usage conditions. As it is dangerous due to steam when using high temp. with tap water, recommended to use our specified Heat medium for High temp. (See 117 page)

(*2) Not equipped with cooling function. Used together with our Chiller/Coolnit, Immersion cooler etc. at below RT (25°C). Use our specified Antifreeze fluid (Thermal medium for Low temp. See 117page) when preset temp. below 7°C. The components life might be shortened when those used at the upper limit temp. that can be set. That of EXN-B is actual measured value due to (0.01 unit).

(*3) The value under the conditions of RT (25°C), AC100V/50Hz, Capacity 6 liters water, Preset temp. 37°C and No heat load with Thermal insulation tray B-type.

(*4) Optional Signal cable CA-671 required to output. Ask us for Temperature Input.

(*5) Thermal insulation bath B-type sold singly.

Selection guide

- Constant temperature incubator shaker
- CO₂ incubator shaker
- Shaker
- Mixer
- Rotator
- Stirrer
- Bead beater
- homogenizer
- Ultrasonic homogenizer
- Aluminum block bath
- Minimize bath
- Water bath
- Shaking water bath
- Immersion cooler
- Hybridization oven
- Constant temperature chamber
- Centrifugal concentrator
- Cold trap
- Freeze dryer
- Electrophoresis and Blotting apparatus
- Constant temperature circulating water circulating system [Chiller]
- Appendix