

Thermominder SDminiN

Even water level of 45 mm from the bottom of the bath can be used. With the included Plastic Water bath, it is easy to use. The Optional Thermal insulation Water bath can be combined.

•Optional Combination Examples --> P.135



Corresponds to Low water level



Model	SDminiN
Temperature range (*1)	+5°C above RT to +80°C (*2)
Settable temp. range (*3)	-20°C to +80°C
Temp. control accuracy (*4)	±0.1°C
Stirring method in Bath	Jet flow
Temperature display	Digital (Changeable Preset/Current value)
Timer	Buzzer notification for Preset time Operation OFF Each Setting range: 1 min to 99 h 59 min
Other functions	Buzzer notification when Preset temp. is reached, Automatic tuning
Minimum Water level	45 mm from the bottom of the bath
Heater	500 W (Time proportional output variable)
Safe devices/protections	Circuit protector, Fuse, Dry-heating protection with float, Heater protection cover, 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 (WxDxH)	180 × 237 × 155 mm (Occupancy Dim.: 190 × 83 × 147 mm)
Main unit dimensions (WxDxH)	220 × 127 × 235 mm (When Bath C-type is used: 220 × 398 × 262 mm)
Weight	Approx. 3 kg
Power supply/consumption	AC100V/5.5A (Need a step-down transformer) 75 Wh at 37°C (46 Wh when Hood used) (*5)
Standard accessories	Plastic Water bath C-type × 1 pc (*2)

(*1) Max. temperature may not be reached when the optional Hood is not used or depending on the usage conditions. As it is dangerous due to steam when using high temp. with tap water, it is recommended to use our specified Heat medium for High temp. (See page 134). (*2) As the Max. Heat-resistant temperature of bath C-type is up to 70°C, you can use the optional stainless steel insulated bath F-type for above 70°C. (*3) Not equipped with a cooling function. Can be used together with our Chiller/Coolnit, Immersion cooler, etc. at below RT (25°C). (*4) The value under the conditions of RT (25°C), AC 100 V/50 Hz, Capacity 6 liters water, Preset temp. 37°C, and No heat load. (*5) The reference value when the Plastic Water bath C-type and optional Heat-resistant Plastic Hood PF-SDM at each preset temp. used under the condition of *4.

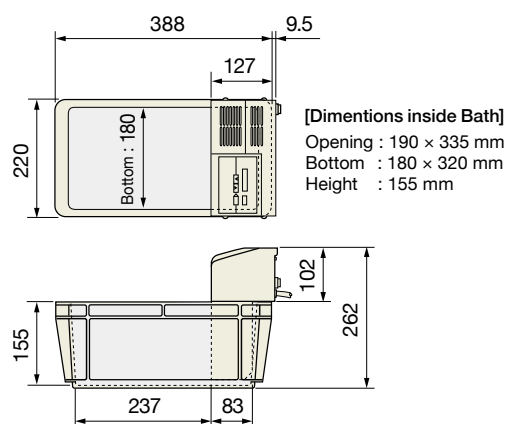
Features

- Low water level of 45 mm is suitable for small vessels
- Simple operation system with Operation OFF Timer
- Optional Heat-resistant Plastic Hood and Thermal insulation Water bath are available

Applications

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

Dimensions of SDminiN with Plastic Water bath C-type



Optional accessories : Heat-resistant Plastic Hood

Heat-resistant Plastic Hood PF-SDM
Plastic Water bath C
Combination Examples



Description/Model	Remarks
Heat-resistant Plastic Hood PF-SDM	Heat-resistant temp. 100°C. Low power consumption with reduced evaporation. Dedicated for the SDminiN.