

# Thermominder SDminiN

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

Optional Combination Examples --> P.119



Model	SDminiN
Temperature range (*1)	5°C above RT(*2) to 80°C
Settable temp. range (*3)	-20°C to 80°C
Temp. control accuracy (*4)	±0.1°C to
Stirring method in Bath	<b>Jet flow</b>
Temperature display	Digitally (Changeable Preset/Current value)
Timer	Buzzer notification for Preset time Operation OFF *Setting range: 1min to 99h59min (Both model)
Other functions	Buzzer notification when Preset temp. reached, Automatic tuning
Minimum Water level	45mm from the bottom of bath
Heater	500W (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	180(W)×237(D)×155(H)mm (Occupancy Dim.: 190W x 83D x 147Hmm)
Main unit dimensions	220(W)×127(D)×235(H)mm (When Bath C-type used: 220W x 398D x 262Hmm)
Weight	Approx. 3kg
Power supply/ consumption	AC100V/5,5A 75Wh at 37°C (46Wh when Hood used)(*5)
Standard accessories	1 x Plastic Water bath C-type (*2)

(\*1) Max. temperature 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) As Max. Heat-resistant temperature of bath C-type up to 70°C, use optional stainless steel insulated bath F-type above 70°C.

(\*3) Not equipped with cooling function. 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/50Hz, Capacity 6 liters water, Preset temp. 37°C and No heat load.

(\*5) The reference value when Plastic Water bath C-type and optional Heat-resistant Plastic Hood PF-SDM at each preset temp. used under the condition of \*4.

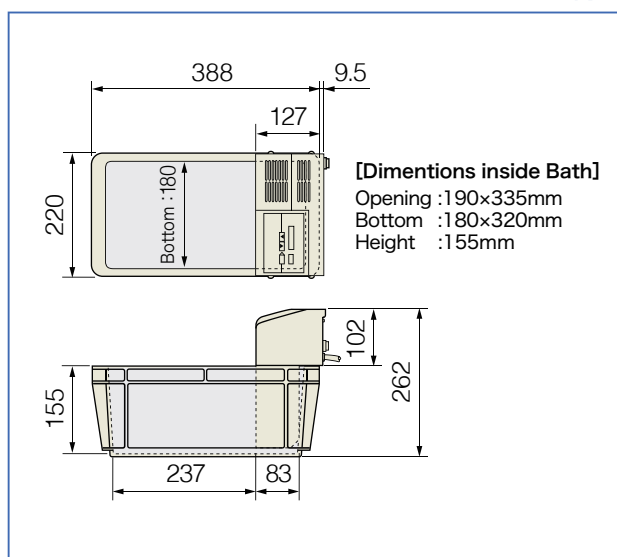
## Features

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

## Applications

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

## Dimensions 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
<b>Heat-resistant Plastic Hood PF-SDM</b>	Heat-resistant temp. 100°C. Low power consumption with reduce evaporation. Dedicated for this SDminiN.