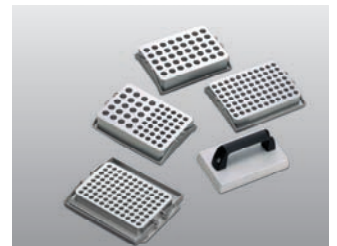


Lightweight and Stylish! Three models to suit your needs!!



- Heating rate
BI series are equipped with ceramic heater to accelerate heating rate (excluding BI-516C).
- Easy handling sample holder blocks
- BI-535A can be used with micro-plate
- Wide LCD-display (BI-525A, BI-535A)
Settings and reaction processes can be displayed in the wide LCD-display.
- Rapid temperature control
PID controlled thermoelectric module can reach the target temperature quickly and maintain it precisely.

OPTION



BI-516 / BI-525A

- TM-02 (0.2ml×80tubes)
- TM-05 (0.5ml×48tubes)
- TM-15 (1.5ml×30tubes)
- TM-20 (0.5ml×24tubes & 1.5ml×15tubes)
- TM-00 (For slide glass)

Sample holder block stand

- TS-01 (For one sample holder block)
- TS-02 (For two sample holder blocks)

BI-535A

- TM-960 (0.2ml×96tubes)
- TM-050 (0.5ml×77tubes)
- TM-150 (1.5ml×40tubes)
- TM-200 (0.5ml×35tubes & 1.5ml×20tubes)
- TM-000 (For slide glass)

Tube weight

- TW-001 (1.7kg)

■ Applications

- DNA and RNA extraction
- DNA cleavage by restriction enzymes
- DNA denaturation / renaturation
- DNA ligation
- Genetic transformations
- Alkaline phosphatase
- Hydrolytic-enzyme cleavage reactions

(unit : mm)

Models	BI-516S	BI-516C	BI-516H	BI-525A	BI-535A
Temperature Control	PID control				
Heating	Ceramic Heater	Peltier thermocouple device	Ceramic Heater	Ceramic Heater	
Cooling	Peltier thermocouple device	Peltier thermocouple device	—	Peltier thermocouple device	
Block Temp. Range *	0°C~100°C		Room temperature + 5°C~110°C	0°C~99°C	
Block Temp. Accuracy **	±0.2°C				
Uniformity **	±0.3°C or less				
Heating Rate **	0°C→100°C in 8 min	0°C→100°C in 20 min	30°C→110°C in 6 min	5°C→98°C in 6 min	5°C→98°C in 6 min
Cooling Rate **	100°C→0°C in 41 min	100°C→0°C in 25 min	—	98°C→5°C in 25 min	98°C→5°C in 18 min
Sample Holder	See option for BI-516·BI-525A				See option for BI-535A
Outer Dimensions	W160×D323×H183			W207×D320×H195	W207×D320×H205
Weight	4.2kg	4.0kg	2.8kg	5.5kg	6kg
Power	AC100~230V Max6A 50/60Hz	AC100~230V Max2A 50/60Hz	AC100~230V Max6A 50/60Hz	AC100~230V Max6A 50/60Hz	AC100~230V Max7A 50/60Hz

※at 25°C ambient