

ASTEL

Block Incubator

BI-516S/C/H

BI-516S

BI-516C

BI-516H



Applications

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

Features of the BI-516S/C/H

Small-sized and saves space in your work place.

Peltier cooling makes the BI series compact and low maintenance.

Rapid temperature controls speeds up your experiments.

PID controlled thermoelectric module can reach the target temperature quickly and maintain it precisely

Wide temperature range performs versatile for your needs.

Series BI-516 comes with wide variety of selections, the Standard, Cooling and Heating types.

Easily exchangeable sample holders come in wide selections.

A large selection of sample holder blocks is available. Each block can be exchanged simply by lifting it out with its handles.



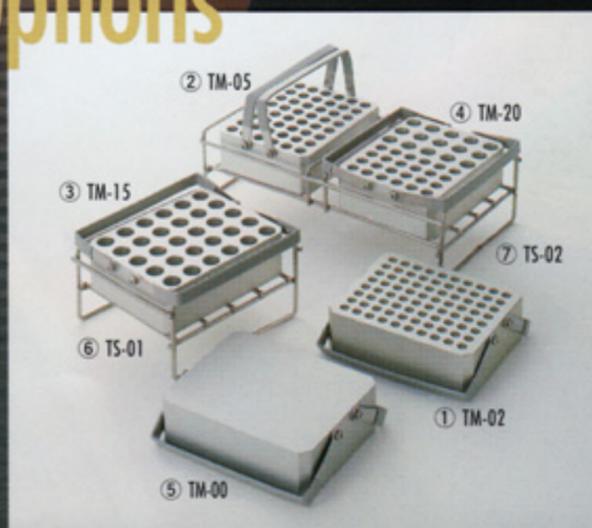
Options

Slides

- ① TM-02 : 0.2ml microtube × 80
- ② TM-05 : 0.5ml microtube × 48
- ③ TM-15 : 1.5ml microtube × 30
- ④ TM-20 : Dual format
0.5ml microtube × 24 +
1.5ml microtube × 15
- ⑤ TM-00 : 80 × 100mm glass slides

Sample block stand

- ⑥ TS-01 : For one sample block
- ⑦ TS-02 : For two sample blocks



Specifications

Model	BI-516S	BI-516C	BI-516H
Temperature control		PID control	
Heating	Ceramic heater	Peltier thermocouple device	Ceramic heater
Cooling	Peltier thermocouple device		—
Temperature range	0 to 100°C		Room temperature +5 to 110°C
Temperature accuracy	±0.2°C		
Temperature uniformity	±0.3°C between sample wells		
Heating rate*	0 to 100°C in 8 min	0 to 100°C in 20 min	30 to 110°C in 6 min
Cooling rate*	100 to 0°C in 41 min	100 to 0°C in 25 min	—
Outer dimensions(mm)	W160 × D323 × H183		
Weight	4.2kg	4.0kg	2.8kg
Power	AC 220V to AC 240V Max 260W AC 100V to AC 120V, Max 600W	AC 220V to AC 240V, Max 150W AC 100V to AC 120V, Max 200W	AC 220V to AC 240V, Max 260W AC 100V to AC 120V, Max 600W

*at 25°C ambient, using sample holder TM-05



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