

Block Incubator



BI-515A



BI-525A



BI-535A

Heating / Cooling rates

Temperature of the sample holder block is precisely controlled from 0 to 99 °C by a ceramic heater and solid-state peltier unit. Heating and cooling rates are rapid to ensure reaching target temperatures quickly

Variety of sample holders

A large selection of sample holder blocks is available. Each block can be exchanged simply by lifting it out with its handles. The micro plate sample holder block also can be used on the model BI-535.

Large LED (Model BI-515A)

Clearly displays set and current temperature, and elapsed time at set point.

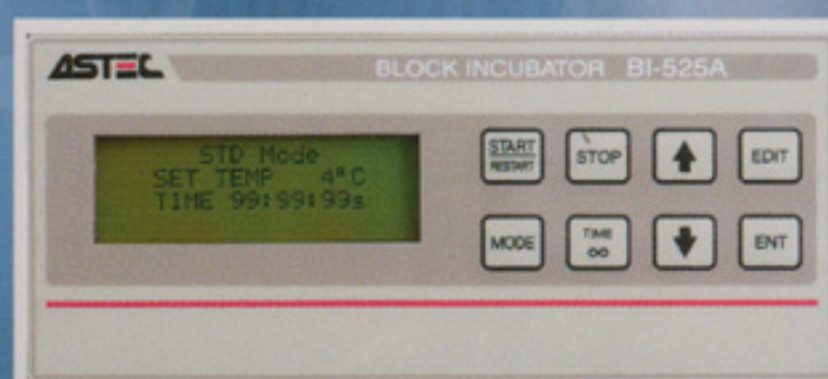


Compact and space saving

The reliable Peltier cooling system makes the BI series compact, and low maintenance.

Wide-format, intelligently-programmed LCD (Models BI-525A/535A)

Large LCD clearly displays set conditions and current status, as well as the error codes for any abnormal conditions.



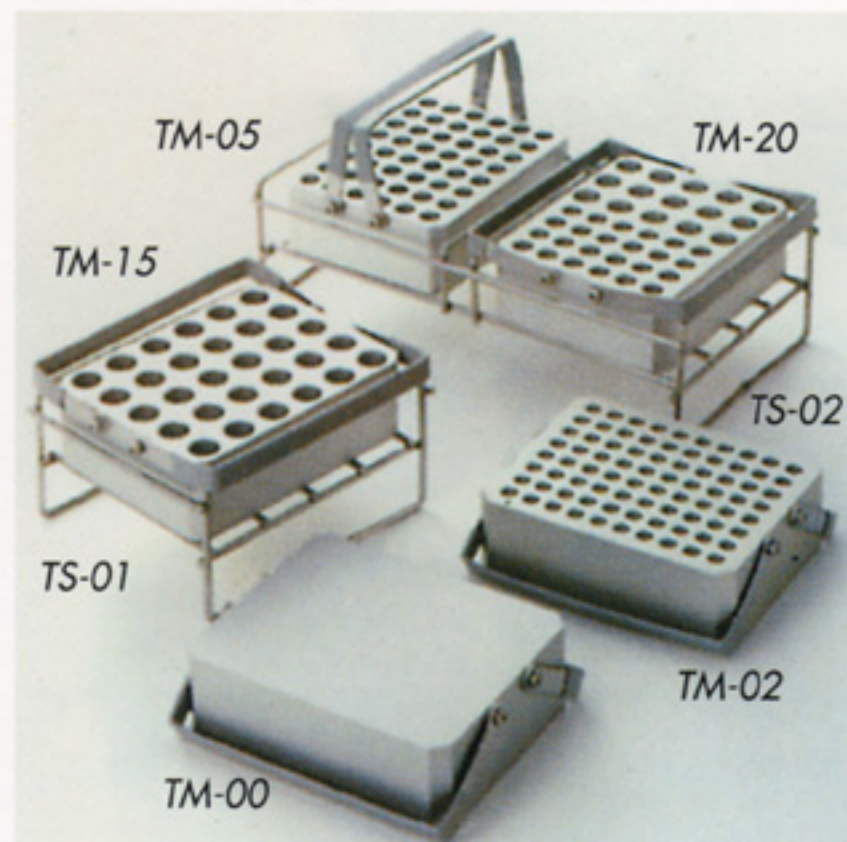
Programmable 3-step thermal profiles

The BI-525A/535A can be used in either the Standard or Program mode. The Program mode has a flexible 3-step thermal profile customized by the user

Block Incubator

Sample Holder blocks and stands

For BI-515A/525A



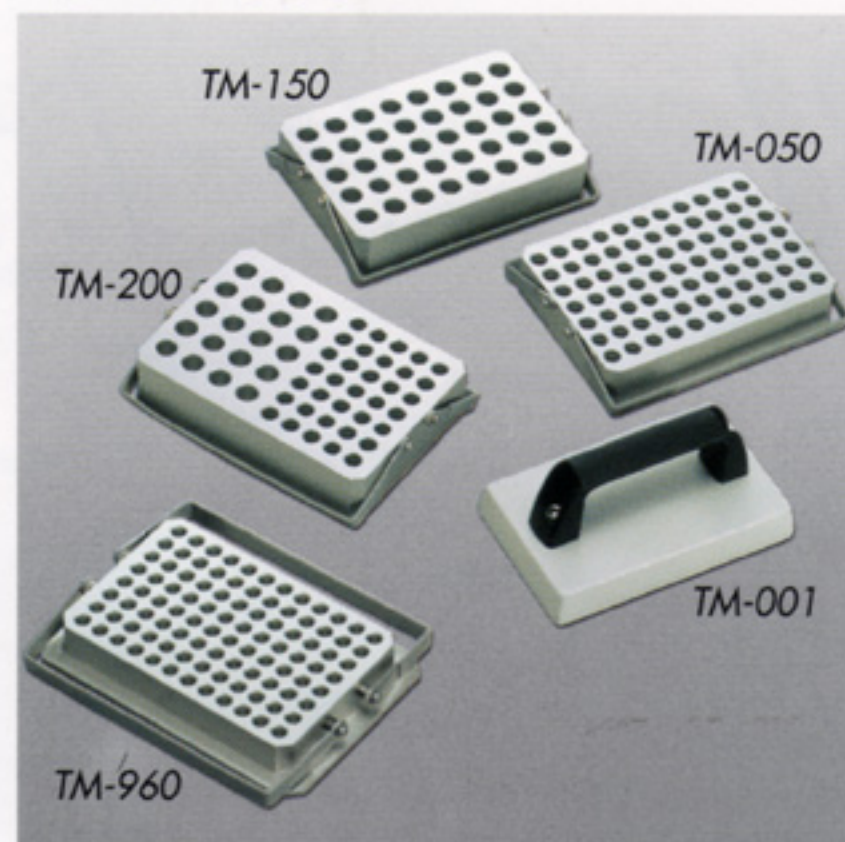
slides

- TM-02 0.2ml microtube X 80
- TM-05 0.5ml microtube X 48
- TM-15 1.5ml microtube X 30
- TM-20 Dual format
(0.5ml microtube X 24)
(+1.5ml microtube X 15)
- TM-00 80 x 100mm glass slides

Sample block stand

- TS-01 For one sample block
- TS-02 For two sample blocks

For BI-535A



Sample block

- TM-960 0.2ml microtube X 96
- TM-050 0.5ml microtube X 77
- TM-150 1.5ml microtube X 40
- TM-200 Dual format
(0.5ml microtube X 35)
(+1.5ml microtube X 20)
- TM-001 A weight for tubes with handle
- TM-000 93 x 134mm glass slides

Applications:

DNA and RNA extraction

DNA cleavage by restriction enzymes

DNA denaturation / renaturation

DNA ligation

Genetic transformations

Alkaline phosphatase and other popular hydrolytic-enzyme cleavage reactions

Specifications

Model	BI-515A	BI-525A	BI-535A
Temperature control	PID control		
Heating	Ceramic heater		
Cooling	Peltier thermoelectric module		
Temperature range	0 to 100 ℃	0 to 99 ℃	
Temperature accuracy	±0.2 ℃ between sample wells		
Temperature uniformity	±0.3 ℃		±0.4 ℃
Heating rate*	5 to 98 ℃ in 7min	5 to 98 ℃ in 6min	5 to 98 ℃ in 6min
Cooling rate*	98 to 5 ℃ in 32 min	98 to 5 ℃ in 25 min	98 to 5 ℃ in 18 min
Outer dimensions (mm)	W160 × D330 × H220	W207 × D320 × H195	W207 × D320 × H205
Weight	6.5kg	5.5kg	6kg
Power	AC100V 50/60Hz, 6A	AC100V 50/60Hz, 6A	AC100V 50/60Hz, 7A

*25 °C ambient temperature



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