



Optional Items for BI-516/BI-526

(Compatible with old models BI-515/515A)

Sample Holders (Number of microtubes)

- ▼ TM-02 (0.2mL x 80 tubes)
- ▼ TM-05 (0.5mL x 48 tubes)
- ▼ TM-15 (1.5mL x 30 tubes)
- ▼ TM-20 (0.5mL x 24 tubes / 1.5mL x 15 tubes)
- ▼ TM-00 (For glass slides)

Holder Racks

- ▼ TS-01 (For 1 sample holder)
- ▼ TS-02 (For 2 sample holders)



※ The tube weight shown in the photo above can only be used with old models.

Optional Items for BI-536

(Compatible with old models BI-535/535A)

Sample Holders (Number of microtubes)

- ▼ TM-960 (0.2mL x 96 tubes)
- ▼ TM-050 (0.5mL x 77 tubes)
- ▼ TM-150 (1.5mL x 40 tubes)
- ▼ TM-200 (0.5mL x 35 tubes)
- ▼ TM-000 (1.5mL x 20 tubes)
- ▼ TM-000 (For glass slides)

BI Series Option

Specifications

Model	BI-516S	BI-516C	BI-516H	BI-526	BI-526T	BI-536	BI-536T
Temperature Control	PID control						
Heating Method	Ceramic heater	Thermo-module	Ceramic heater	Ceramic heater			Ceramic heater
Cooling Method	Thermo-module	Thermo-module		Thermo-module			Thermo-module
Temperature Control Range ※1	0°C – 100°C		5°C above the room temp. – 110°C	0.1°C – 99.9°C			
Temperature Accuracy ※1	±0.2°C			±0.2°C			
Temperature Uniformity ※1	Within ±0.3°C			±0.3°C		±0.5°C	
Heating Rate ※1	0°C→100°C approx. 8 min.	0°C→100°C approx. 20 min.	30°C→100°C approx. 6 min.	5°C→98°C approx. 6 min.		5°C→98°C approx. 6 min.	
Cooling Rate ※1	100°C→0°C approx. 41 min.	100°C→0°C approx. 25 min.	—	98°C→5°C approx. 25 min.	98°C→5°C approx. 28 min.	98°C→5°C approx. 18 min.	98°C→5°C approx. 21 min.
Cover Heater	—			105°C ※2	—		105°C ※2
Sample Holder	Refer to BI-516/BI-526 optional items				Refer to BI-536 optional items		
Outer Dimensions	W160 x D323 x H183mm			W212 x D370 x H200mm			
Weight	4.2kg	4.0kg	2.8kg	5.5kg		6kg	
Power	AC100V – 110V / AC220V – 230V						

※1 Measured at 25°C room temp. using TM-05/TM-050. ※2 105°C is a default value and can be changed.

Block Incubator



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Quick! Quiet! Quality!

BI Series: Block Incubator

Tried-and-trusted BI series models:
The programmable models have been redesigned!
Models with cover heaters now available!

Wide-range and precise, superior temperature control is what makes ASTEC Block Incubators stand out.

BI-516S

Thermo-module
Ceramic heater

BI-516C

Thermo-module

BI-516H

Ceramic heater
Heating only model



BI-516S

Applications:

- DNA/RNA extraction
- DNA cleavage by restriction enzymes
- DNA denaturation / renaturation
- DNA ligation
- Alkaline phosphatase treatment to prevent self-ligation
- Transformation to competent cells
- Hydrolysis and other enzymatic reactions
- Wide variety of other applications

BI-536

Programmable
Compatible with
microtiter plates

BI-536T

Programmable
Compatible with
microtiter plates
Equipped with a
cover heater



BI-526

Programmable

BI-526T

Programmable
Equipped with a
cover heater



1 Heating Rates

All the BI series models, excluding BI-516C, are now equipped with ceramic heaters, drastically improving the heating rate.

2 Changing Sample Holders

Lift up a sample holder and place another one—it's that simple!

3 Compact Design

The BI-516 model has now become even smaller while retaining the user-friendly features of preceding models. The model BI-536 is the same size as the BI-526 but has larger sample holder space, which can accommodate microtiter plates.

4 Large LCD (BI-526·BI-536)

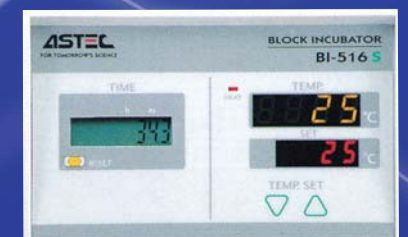
The large LCD provides a clear view of protocols and their progress, as well as error codes for abnormal operation. It also makes it easier to create 3-step programs with temperature and time settings.

5 Superb Temperature Control

BI series models provide accurate and stable temperature control by means of a PID-controlled Peltier cooling unit and/or ceramic heater to reach desired temperature settings fast.

6 Clean, Easy to Use

BI series models offer humidity-free operation, which makes the units easy to handle with low risk of contamination.



BI-516 Operation Panel



BI-526/536 Operation Panel