

# Dry Bath Incubator

## (Chilling/Heating Dry Bath Incubators)

TOPLAB INDIA'S Microprocessor Controlled Chilling/Heating Dry Bath Incubator is compact, versatile, reliable and easy to use. Instead of traditional water bath device, the heat-conducting medium is high purity aluminium. The exact desired temperature is easily set using the arrow keys on the sloped control panel while values are shown on the large digital display. No checking of a thermometer and readjusting temperature is necessary. The user calibration feature allows for easy calibration to in house standards when required.

It is adopted high quality Peltier plate to ensure long-term stable operation and controlled can be widely used in preservation and reaction of samples, DNA amplification, electrophoresis denaturation and serum solidification, etc.



### Features:

- Energy-efficient Peltier design.
- Automatic fault detection and buzzer alarm function.
- Electronic calibration. User can reset to any local standard.
- Small, compact size uses very little bench space.
- Easy replacement, cleaning and disinfecting of metal blocks.
- Built-in over-temperature protection.
- Internal power supply provided is UL, CSA and CE approved.
- Costumed modules are accepted.
- Buzzer alarm when temperature control ends.

## Chilling/Heating Dry Bath Incubator

### Technical Specification:

Description	Parameters	
Product Model	TL-300DH	TL-300DCH
Application Method	Heating	Chilling & Heating
Temp setting range	0°C~100°C	-10°C~100°C
Temp control range	RT+5°C~100°C	RT- 30°C~100°C
Time range	1min ~ 99h59min/∞	
Temp accuracy	±0.3°C	
Display accuracy	0.1°C	
Temp uniformity	±0.3°C	
Heating time	≤12min ( From 25°C to 100°C )	≤10min ( From 25°C to 100°C )
Cooling time	-- --	≤10min ( From 100°C to 25°C )
Cooling time	-- --	≤25min ( From RT to RT-30°C )
Storage at 4°C	-- --	Yes
Multi points running	Yes ( Max 5 points )	
Multi cycle	Yes ( Max 99 times )	
Auto running	Yes	
Auto heating	Yes	
Auto resume to run	Yes	
Capacity	See optional block	
Power	150W	
Power input	AC110 or AC220V / 50-60HZ	
Fuse	250V 3A Φ5×20	
Size(mm)	260x195x150 mm	

### Optional Accessories: (Blocks Selection)

Block Model	Tubes Size(ml) x Holes	Dia. of Hole	Hole Bottom Shape
TL-A	0.2mL x 96 PCR plate	6.7mm	Cone Bottom
TL-B	0.5mL x 54 centrifuge tube	8mm	Cone Bottom
TL-C	1.5mL x 35 centrifuge tube	10.8mm	Cone Bottom
TL-D	2.0mL x 35 centrifuge tube	10.8mm	Round Bottom
TL-E	1.5mL x 20 + 0.5mL x 15	8mm/10.8mm	Cone Bottom
TL-F	∅12mM x 24	12mm	Flat Bottom
TL-G	0.2ml X 32 +1.5ml x 15	6.1mm/10.8mm	Cone Bottom
TL-H	0.2ml x 32 +0.5ml x 10 +1.5ml x 15	6.1mm/8mm/10.8mm	Cone Bottom
TL-K	5mL x 24 centrifuge tube	13.5mm	Flat Bottom
TL-L	15mL x 12 centrifuge tube	16.9mm	Flat Bottom
TL-M	50mL x 6 centrifuge tube	29.5mm	Flat Bottom
TL-N	10mL x 15 centrifuge tube	15mm	Flat Bottom



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