

TT-100F/HT/HL/CL/CTL Mini Dry Bath Incubator

HIGHLIGHTS

- Available with heat only or heat & cool models
- Compact palm size design, saving crowded bench space
- Various blocks options for exchange
- Digital time and temperature display
- Nine programmable programs
- Link two consecutive segments
- Built-in temperature calibration
- Custom blocks available upon request

TT-100F/HT/HL/CL/CTL Mini Dry Bath Incubator compact personal incubator designed for maintaining constant temperature of small volume sample in microtubes up to 2.0 ml.

TT-100F Mini Dry Bath Incubator has a built-in fan to cool down sample rapidly while TT-100HL and TT-100-CTL Mini Dry Bath Incubator have additional heated lid to prevent sample evaporation.

APPLICATIONS

- PCR analysis
- Extraction of DNA and RNA from cell cultures



TT-100F/HT/CL



TT-100HL/CTL

OPTIONAL ACCESSORIES



TT-100-Block A



TT-100-Block B



TT-100-Block C



TT-100-Block D



TT-100-Block E



TT-100-Block F



TT-100-Block G

TECHNICAL DATA



Specifications	TT-100F	TT-100HT	TT-100HL	TT-100CL	TT-100CTL
Temperature control range	R.T. +5-100°C	R.T. +5-100°C	R.T. +5-100°C	-10-100°C	-10-100°C
Temperature stability at 100°C	≤±0.5°C	≤±0.5°C	≤±0.5°C	≤±0.5°C	≤±0.5°C
Temperature stability at 40°C	≤±0.3°C	≤±0.3°C	≤±0.3°C	≤±0.3°C	≤±0.3°C
Block temperature uniformity	≤±0.3°C	≤±0.3°C	≤±0.3°C	≤±0.3°C	≤±0.3°C
Temperature display accuracy	0.1°C	0.1°C	0.1°C	0.1°C	0.1°C
Heating speed	≤15 min (20-100°C)	≤15 min (20-100°C)	≤15 min (20-100°C)	≤15 min (20-100°C)	≤15 min (20-100°C)
Cooling speed	Fan cooling	Natural cooling	Natural cooling	≤30 min (from R.T. to R.T.-20°C at 26°C)	≤30 min (from R.T. to R.T.-20°C at 26°C)
Thermo Lid	No	No	Yes	No	Yes
Digital time setting	1sec – 999sec or 1min – 999min	1sec – 999sec or 1min – 999min	1sec – 999sec or 1min – 999min	1sec – 999sec or 1min – 999min	1sec – 999sec or 1min – 999min
Voltage	DC 24V	DC 24V	DC 24V	DC 24V	DC 24V
Power	60W	60W	60W	120W	120W
Dimension (W x D x H) mm	110 x 156 x 103	110 x 156 x 92	110 x 156 x 97	110 x 156 x 103	110 x 156 x 108
Net weight	1 kg	1 kg	1 kg	1.4 kg	1.4 kg
Permissible ambient temperature	5 – 30°C	5 – 30°C	5 – 30°C	5 – 30°C	5 – 30°C
Permissible relative humidity	≤70%	≤70%	≤70%	≤70%	≤70%

ORDERING INFORMATION

Cat. No. Mini Dry Bath Incubator

TT-100F	Mini Dry Bath Incubator TT-100F, Cooling Fan, Transparent Lid, AC 100-240V
TT-100HT	Mini Dry Bath Incubator TT-100HT, Heating, Transparent Lid, AC 100-240V
TT-100HL	Mini Dry Bath incubator TT-100HL, Heating, Heated Lid, AC 100-240V
TT-100CL	Mini Dry Bath Incubator TT-100CL, Cooling, Transparent Lid, AC 100-240V
TT-100CTL	Mini Dry Bath Incubator TT-100CTL, Cooling, Heated Lid, AC 100-240V

OPTIONAL ACCESSORIES

Cat. No.	Block for Mini Dry Bath Incubator	Diameter of block well	Bottom shape of block well	Dimension
TT-100-Block A	40x0.2 ml or 8 x 0.2 ml strip	6.1 mm	Cone bottom	71 x 47 x 32 mm
TT-100-Block B	24x0.5 ml	8.0 mm	Cone bottom	71 x 47 x 32 mm
TT-100-Block C	15x1.5 ml	10.8 mm	Cone bottom	71 x 47 x 32 mm
TT-100-Block D	15x2.0 ml	10.8 mm	Round bottom	71 x 47 x 32 mm
TT-100-Block E	8x (dia. 8-12.5) mm cuvette	8-12.5 mm	No bottom	71 x 47 x 32 mm
TT-100-Block F	4x15 ml (not compatible with cover)	16.9 mm	Flat bottom	71 x 47 x 82 mm
TT-100-Block G	2x50 ml (not compatible with cover)	29.2 mm	Flat bottom	71 x 47 x 82 mm