



THERMAL CYCLER TC-SQ

BOECO THERMAL CYCLER TC-SQ

is a personal Thermal Cycler with compact structure and small footprint and a friendly user interface with big LCD display which gives reliable results for teaching and research laboratories.

The TC-SQ provides superior performance especially in the cooling and heating speed, temperature control accuracy and uniformity of the block.

Specification:

Sample capacity:	24 x 0,2 ml, 8-strip, 24 x 0,2 ml plate
Temperature control range:	+ 4 ~ +99 °C
Heating rate (max.):	≥ 5,0°C /sec
Cooling rate (max.):	≥ 4,0°C /sec
Block temp. uniformity:	≤ ± 0,5°C
Block temp. accuracy:	≤ ± 0,3°C
Temp. of hot lid:	30°C - 110°C
Adjustability of hot lid press:	Yes
Temp. control mode:	Block or Tube
Display:	320 x 240 LCD
Program storage:	100 files
Max. segments	5 segments
Max. program steps:	16 steps
Max. cycles:	99 cycles
Size:	297 (L) x 212 (W) x 200 (H) mm
Weight:	3,2 kg
Interface:	RS 232

Code	Description
BOE 8085240	Thermal cycler TC-SQ, 220-240 V, 50/60 Hz with sample block for 24 x 0,2 ml
BOE 8085241	Thermal cycler TC-SQ, 100-120 V, 50/60 Hz with sample block for 24 x 0,2 ml

Optional Block:

Code	Description
BOE 8085185	Sample Block for 18 x 0,5 ml

BOECO THERMAL CYCLER TC-TE

is a personal Thermal Cycler with compact structure and small footprint and a friendly user interface with colored 5,7' touch screen and a fixed gradient block for 96 x 0,2 ml which gives reliable results for teaching and research laboratories.

Specification:

Sample capacity:	96 x 0,2 ml, 8-strip, 24 x 0,2 ml plate
Cooling technology:	Peltier
Temperature control range:	+ 4 ~ +99°C
Heating speed of ramping:	up to 4,0°C /sec
Cooling speed of ramping :	up to 4,0°C /sec
Block temp. uniformity:	≤ ± 0,3°C
Block temp. accuracy:	≤ ± 0,1°C (55°C) ≤± 0,2°C (≥90°C)
Display resolution:	0,1°C
Temp. control mode:	Block or Tube
Ramping rate adjustable:	0,1°C - 4°C
Memories:	250 typical programs (unlimited by USB)
Max. cycles:	99 cycles for Nested PCR
Time up/down:	0-9 min59s, suit for LongPCR
Temperature up/down:	0,1 - 9,9°C suit for TouchdownPCR
Soak function:	Yes
Gradient range:	30°C ~ 99°C
Temp. differential range:	1°C ~ 30°C
Temp. of hot lid:	30°C -110 °C (Temp. / pressure adjusted)
Size:	335 (W) x 260 (D) x 270 (H) mm
Weight:	8 kg
Interface:	1 x USB
Power Supply:	100 - 240V, 50-60 Hz ≤= 600W

Code	Description
BOE 8089602	Thermal cycler TC-TE, 100-240 V, 50/60 Hz with gradient sample block for 96 x 0,2 ml



THERMAL CYCLER TC-TE