



THERMO CYCLER
TC-PRO

BOECO THERMAL CYCLER TC-PRO

is a multifunctional compact sized thermal cycler equipped with high end Peltier technology. His five interchangeable sample blocks give the BOECO TC-PRO an exceptional versatility for PCR methods using tubes, strip wells or plates. Its high ramping rate and precision temperature control provide fast, accurate results. The extra large display and user-friendly interface make operation easy. The unit automatically recognizes which sample block is in place, eliminating the need for a operator to manually supply this information. The instrument can work either by itself or with computer control. One computer can control up to 30 sets of the thermal cyclers.

Specification

Temperature control range:	+ 4 ~ +99 °C
Heating Rate (Max):	≥ 4,0 °C /sec
Cooling Rate (Max):	≥ 4,0 °C /sec
Block Temp. Uniformity:	≤ ± 0,3 °C
Block Temp. Accuracy:	≤ 0,1 °C (55 °C), ≤ 0,2 °C (90 °C)
Temp. of Hot Lid:	20°C - 110 °C
Gradient Range:	1 °C - 30 °C
Temp. Control Mode:	Block or Tube
Program Storage:	≥ 100 files (No limitation with USB flash disk)
Max. Segments	5 segments
Max. Program Steps:	16 steps
Max. Cycles:	99 cycles
Power, max:	600 W
Size:	368 (L) x 250 (W) x 285 (H) mm
Weight:	6,3 kg (Main body) + 4,2 kg (block)
Interface:	USB, LAN
Operation System:	Windows 2000 / XP (Memory:> 256M, Hard disk: >10G, CPU: Pentium 4)

Code	Description
BOE 8085000	Thermal cycler TC-PRO, AC 110-240 V

Interchangeable blocks:

BOE 8085001	Block 96G: 96 x 0,2 ml gradient block
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This aluminium alloy block and hot lid is for 96 x 0,2 ml microplate or tube; 12 x 8 strip; 8 x 12 strip This block can be used run gradient temperature programs. The temperature and hot lid are adjustable

BOE 8085002	Block 384G: 384 wells plate gradient block
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This aluminium alloy block and hot lid is for 384 well plates. This block can be used run gradient temperature programs. The temperature and hot lid are adjustable

BOE 8085003	Block 3048: mixed block, 30 x 0,5 + 48 x 0,2 ml
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This aluminium alloy mixed block and hot lid is for a max of 30 x 0,5 ml 48 x 0,2 ml microtest tubes. The temperature and hot lid are adjustable

BOE 8085004	Block 48D: dual block, 2 x 48 x 0,2 ml
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This module is two separate aluminium alloy blocks, both for 0,2 ml microtest tubes, but each with its own hot lid. Each block accepts a maximum of 48 tubes for a total of 96 tubes. The temperature and pressure of the hot lids are independently adjustable

BOE 8085005	Block 4I: block for 4 In Situ plates
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This aluminium alloy block and hot lid is for 4 in situ plates. The temperature and hot lid are adjustable



BLOCK 96G



BLOCK 384G



BLOCK 3048



BLOCK 48D



BLOCK 4I