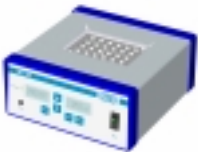


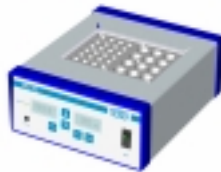
## Metal Block Thermostat MBT 250

Product line with 1, 2, 3 or 4 blocks

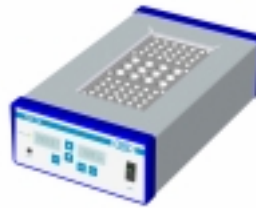
MBT 250-1



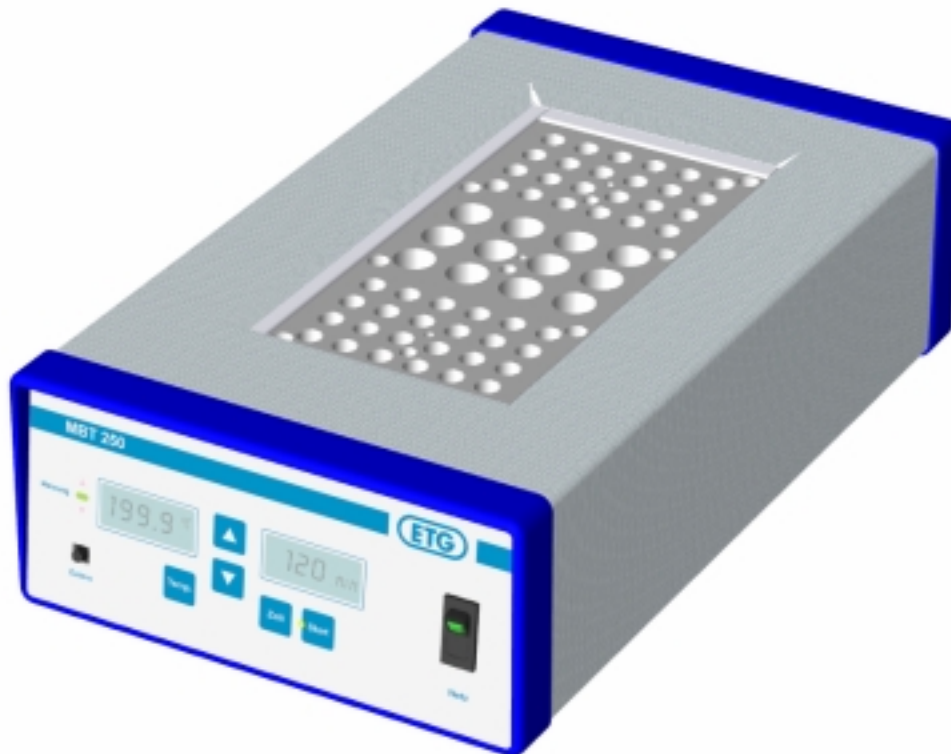
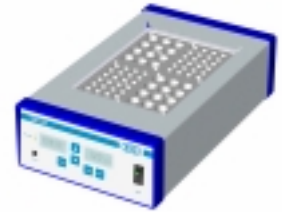
MBT 250-2



MBT 250-3



MBT 250-4



- Block thermostat for use in biological, medical and chemical laboratories
- Line with 1 - 4 blocks for warming test tubes
- Maximum operating temperature 250°C
- Digital temperature display (Desired/Actual value) accurate to 0.1K
- Extremely homogeneous temperature distribution due to up to 4 heating cartridges
- Temperature control and timer function regulated by microprocessor controller in combination with an intelligent multi-sensor array
- Fast heating and a extremely accurate temperature over the entire area
- Control LED for heating, time and desired/actual values
- Integrated short-time buzzer, timer graduated in minutes
- Heating area encased in stainless steel with solid aluminium hotplate
- Scratch-resistant, hard-coated hotplate
- Block fixable in heating area

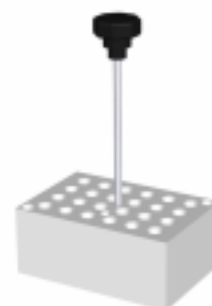
## Technical information

MBT	250-1	250-2	250-3	250-4
Number of blocks:	1	2	3	4
Temperature range:	----- 25°C ... 250°C -----			
Temperature constancy:	----- +/-0,1K -----			
Heating time:	----- to 100°C about 15min -----			
	----- to 200°C about 30min -----			
Control:	----- Microprocessor control -----			
Settings:	----- digital via short travel keys -----			
Display:	----- 4-digit LCD -----			
Time control:	----- 4-digit LCD -----			
Timer signal:	----- acoustic -----			
Device dimensions:				
Width	----- 240mm -----			
Depth	240mm	280mm	400mm	400mm
Height (without feed)	----- 110mm -----			
Block dimensions (WxDxH):	----- 78mm x 115mm x 49mm -----			
Nominal voltage:	- 230 V 50/60HZ, special voltage on request -			
Electrical heating capacity:	250W	500W	750W	1000W

## Accessories

- Aluminium blocks with additional boreholes for external temperature probe in addition to boreholes for fixing blocks to the hotplate
- Special blocks on request
- Optional: hard coating of blocks
- External temperature probe with Pt100 type A
- Block removal rod
- Fixing screws for blocks
- Hexagonal wrench for fixing blocks

Type	Order-No.
Block for 24 tubes Ø 10mm	MBT 24/10
Block for 24 tubes Ø 12mm	MBT 24/12
Block for 12 tubes Ø 16mm	MBT 12/16
Block for 12 tubes Ø 19mm	MBT 12/19
Block for 40 Eppendorf tubes 0,5ml	MBT 40/0-5
Block for 24 Eppendorf tubes 1,5ml	MBT 24/1-5
Block for 24 Eppendorf tubes 2,0ml	MBT 24/2-0
Block without boreholes	MBT 0/0
External temperature probe with Pt100 Typ A	MBT PT100
Block removal rod	MBT 250/E
Fixing screws for blocks	MBT 250/B
Hexagonal wrench for fixing blocks	MBT 250/S



Block with removal rod



External temperature probe

Distribution: