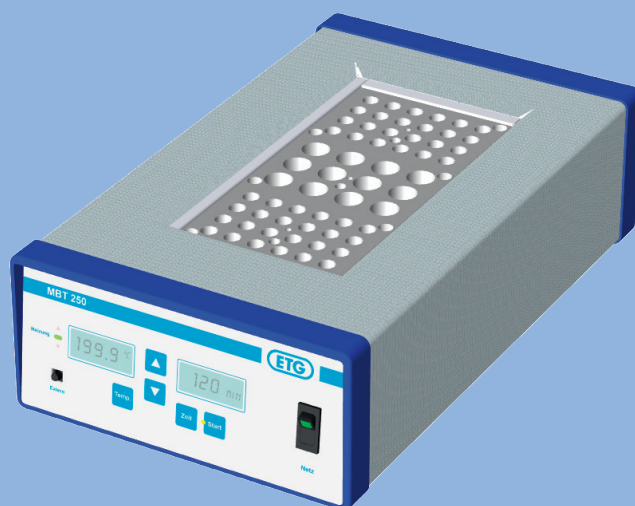


## Metal Block Thermostat MBT 250



### Technical specifications:

MBT 250-1, 250-2, 250-3, 250-4

Number of blocks: 1, 2, 3 and 4

Temperature range: 25 °C ... 250 °C

Temperature constancy:  $\pm 0.1$  K

Heating time:

to 100 °C about 15 min

to 200 °C about 30 min

Control: Microprocessor control

Settings: digital via short travel keys

Display: 4-digit LCD

Time control: 4-digit LCD

Timer signal: acoustic

Device dimensions:

Width: 240 mm

Depth:

240 mm, 280 mm, 400 mm, 400 mm

Height (without feet): 110 mm

Block dimensions (WxDxH):

78 mm x 115 mm x 49 mm

Nominal voltage: 230 V

50/60 Hz

special voltage on request

Electrical heating capacity:

250 W, 500 W, 750 W, 1000 W

### Brief description:

- 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 0.1 K
- 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 an 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

Tel.: +49 (0) 36 77 – 46 12 – 0

info@etg-ilmenau.de

www.etg-ilmenau.de

**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 10 mm	MBT 24/10
Block for 24 tubes ø 12 mm	MBT 24/12
Block for 12 tubes ø 16 mm	MBT 12/16
Block for 12 tubes ø 19 mm	MBT 12/19
Block for 40 Eppendorf® tubes 0.5 ml	MBT 40/0-5
Block for 24 Eppendorf® tubes 1.5 ml	MBT 24/1-5
Block for 24 Eppendorf® tubes 2.0 ml	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