

Metal block thermostats series MBT250-1^{NT} and MBT250-2^{NT}



Brief description:

- line with 1 or 2 blocks used for temperature control of test tubes made of glass and plastic, also for micro-test plates
- for use in biological, medical and chemical laboratory
- maximum operating temperature 200 °C
- digital control and temperature display (desired and actual value) accurate to 0.1 K
- extremely homogeneous temperature distribution on the basis of up to 4 heating elements
- device controlled by microprocessor controller in combination with an intelligent multi-sensor array
- fast heating and a high precision of temperature in the entire area
- logical structured graphic display with user-friendly control dialogue for temperature control, timing and ramp programming
- USB-interface for data output
- heating vessel machined from solid aluminum for realization of absolute precision
- the blocks are fixeable in the heating area, and are also available in scratchresistant coating

Technical data:

Number of insert blocks: 1 or 2

Temperature range:

room temperature: to 250 °C

Constant of temperature: +/-0,1K

Aufheizzeiten:

to 100 °C approx. 15 min

to 200 °C approx. 30 min

Controlling: Microprocessor control

Operating settings:

- digitally via membrane keyboard
- Display: 4-digits, LCD
- Time control: 4-digits, LCD
- Timer signal: acoustically

Device dimensions:

MBT250-1^{NT} (D x W x H):

240 mm x 240 mm x 110 mm

MBT250-2^{NT} (D x W x H):

280 mm x 240 mm x 110 mm

Insert blocks:

for all common vessel dimensions, such as Eppendorf®, Falcon®, standard tubes, etc.

Nominal voltage:

230V 50/60Hz, special voltage on demand

Electrical heating power:

250 W or 500 W

Dimensions (without blocks):

3 kg or 3,6 kg