

Metal-block thermostat MBT 2010 and 2020



Technical specifications:

Number of used blocks:

1 respectively 2

Temperature range:

room temperature to 200 °C.

Temperature accuracy: + / - 0.1 K

Heating times:

at 100 °C

for about 15 min

at 200 °C

for about 30 min

Control: Microprocessor control

Settings:

digital via capacitive buttons

Display:

Graphic Display

Timer signal:

acustical and graphical

Interface:

USB for data output

Unit dimensions:

MBT 2010 (L x W x H):

290 mm x 270 mm x 120 mm

MBT 2020:

390 mm x 270 mm x 120 mm

Metal blocks:

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

Rated voltage: 230 VAC,

special voltage on request

Electrical heating power

500 W respectively 1000 W

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 scratch-resistant coating

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