

## Block Thermostat HB Series

### Description

The microprocessor-controlled block thermostats HB 110 and HB 120 are suitable for dry, clean and fast temperature control of reaction vessels, tubes and microtitre plates.

They are the ideal device for the demanding and price-conscious user who needs a robust and reliable thermostat for continuous operation. A modern, flat design with a clear control panel, LED display and control diodes are the special features of the units.



### Specifications

- **Microprocessor controlled**  
digital setting and display
- **High temperature accuracy**  
Resolution 0.1°C
- Flexible temperature sensor for samples (optional)
- **Short heating times**  
Even temperature distribution
- **Flat housing**  
Easy to touch even at maximum temperatures
- Splash-proof membrane keypad and block chamber
- Exchangeable insert blocks made of anodised aluminium
- Cover plate prevents the reaction vessels from being opened
- **Wide range of insert blocks,**  
standard and custom-made

### Technical Data

| Model                                  | HB 110                                  | HB 120            |
|--|---|-------------------|
| Order No.<br>Basic unit without blocks | 104.1210                                | 104.1211          |
| Number of Blocks                       | 1                                       | 2                 |
| Temperature range                      | Ambient temperature to +150°C           |                   |
| Temperature accuracy                   | ±0.2°C                                  |                   |
| Timer                                  | 0 - 9999 min                            |                   |
| Dimensions<br>(W x D x H)              | 210 x 280 x 85 mm                       | 300 x 220 x 80 mm |
| Weight                                 | 2.6 kg                                  | 2.7 kg            |
| Power consumption                      | 12 V, 4.4 A / 55 W                      |                   |
| Power supply                           | Input AC 230 V 50 Hz,<br>Output DC 12 V |                   |

### Optional Blocks

24 x 1,5 ml  
24 x 2,0 ml  
30 x 0,5 ml  
72 x 0,2 ml  
48 x 0,2 ml Falcon Tubes  
12 x 15 ml Falcon Tubes  
5 x 45 ml Falcon Tubes  
96 Well Microtiter Plate



Block examples