

# Dry bath

one block, -5°C up to 95°C, various blocks available



HB-R48 Set with block and tong

## HB-R48 -5°C up to 95°C

### Ideal for:

- enzyme reactions, inactivation of sera, incubation and other laboratory procedures

### Features:

- user's self-compensation function to offset between real temperature and indicated temperature ( $\pm 10.0^\circ\text{C}$ )
- 2 peltier cooling modules
- unit made of stainless steel and powder-coated steel, block made of anodized aluminium
- block extraction tongs "BLE101" and block cover are included
- molded heater (300W), PT100 sensor
- storage function for the set values of temperature and timer
- backlight LCD display
- CE certified and unique serial number for tracing

### Safety mechanism:

- locking mode
- overheat and over-current protection
- sensor error detection

### Controller:

- digital PID and fuzzy controller with *Jog-Shuttle-switch*

Model	HB-R48	
Block	interchangeable block (90 x 120 x 60 mm) for various tubes	
Standard block	-	48 holes for 1.5/2 ml centrifuge tubes
Temperature range and accuracy	ambient to -5°C to 95°C, $\pm 0.1$ at 37°C, $\pm 0.2^\circ\text{C}$ at 90°C	
Cool-down speed	2.3°C/min. between 95°C to 25°C, 0.5°C/min between 25°C to -5°C	
Heat-up speed	approx. 5°C/min	
Timer with alarm	99hr 59min, alarm (error status and timer end)	
Dimension	unit: 185 x 230 x 220 mm, block: 90 x 120 x 60 mm	
Packing size	350 x 220 x 310 mm, 9 kg	
Power supply	1 Phase AC 120V, 60 Hz or AC 230V, 50/60Hz	
Power consumption	450 W	
Order number 230V	Unit: DH.WHB00248	Set: DH.WHB00249
Order number 120V	Unit: DH.WHB02248	Set: DH.WHB02249

Set includes: Unit HB-R48  
Block BLC548 for 48x 1.5/2 ml tubes  
Tong BLE101

Accessories: Dry bath blocks and tong on page 33