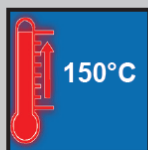


Dry bath

one block, up to 150°C, various blocks available



HB-48 up to 150°C

Ideal for:

- enzyme reactions, inactivation of sera, incubation and other laboratory procedures
- multifunctional dry block heater

Features:

- user's self-compensation function to offset between real temperature and indicated temperature ($\pm 10.0^\circ\text{C}$)
- ergonomic design and modular block
- molded heater (300W) for temperature accuracy
- internal PPS bath ensures best insulation, block made of anodized aluminium
- precise temperature control
- digital timer function – delay time and operation control
- block extraction tongs "BLE101" & block cover are included
- storage function for the set values of temperature and timer
- various kinds of blocks are offered (optional)
- backlight LCD display
- CE certified and unique serial number for tracing

Safety mechanism:

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

Controller:

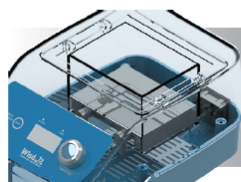
- digital fuzzy controller with **Jog-Dial** and **main touch button**



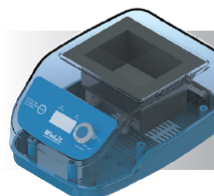
HB-48 Set with block and tong

Model	HB-48	
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 $+5^\circ\text{C}$ to 150°C , ± 0.1 at 37°C , $\pm 0.2^\circ\text{C}$ at 90°C , $\pm 0.4^\circ\text{C}$ at 135°C	
Heat-up speed & sensor	approx. $5^\circ\text{C}/\text{min}$, PT100	
Timer with alarm	99hr 59min, alarm (error status and timer end)	
Dimension	unit: 210 x 309 x 144 mm, block: 90 x 120 x 60 mm	
Packing size	400 x 270 x 200 mm, 4 kg	
Power supply	1 Phase AC 120V, 60 Hz or AC 230V, 50/60Hz	
Power consumption	300 W	
Order number 230V	Unit: DH.WHB00348	Set: DH.WHB00349
Order number 120V	Unit: DH.WHB00448	Set: DH.WHB00449

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



High quality molded heater ensures reliable and consistent temperature



Maximum heat insulation and highest chemical resistance by PPS materials

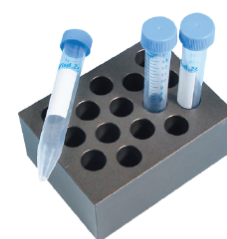
Accessories: Dry bath blocks and tong on page 35

Blocks for dry baths

- anodized aluminium
- 90 x 120 x h60 mm



For	0.2 ml PCR tubes	0.5 ml PCR tubes	1.5/2 ml tubes	Ø12 mm tubes	Ø13 mm tubes
Holes	96 holes Ø: 6 mm depth: 15.5 mm conical bottom	63 holes Ø: 7.7 mm depth: 29.5 mm conical bottom	48 holes Ø: 11 mm depth: 36 mm conical bottom	48 holes Ø: 12 mm depth: 35 mm round bottom	30 holes Ø: 13 mm depth: 47 mm round bottom
Article	BLC596	BLC570	BLC548	BLT248	BLT335
Order number	DH.WHB510596	DH.WHB510570	DH.WHB511548	DH.WHB521248	DH.WHB521335



For	Ø15 mm tubes	Ø16.5 mm tubes	Ø18 mm tubes	15 ml conical tubes	50 ml conical tubes
Holes	30 holes Ø: 15 mm depth: 47 mm round bottom	24 holes Ø: 16.5 mm depth: 47 mm round bottom	24 holes Ø: 18 mm depth: 47 mm round bottom	15 holes Ø: 16 mm depth: 47 mm conical bottom	8 holes Ø: 28.7 mm depth: 47 mm conical bottom
Article	BLT535	BLT628	BLT828	BLC515	BLC008
Order number	DH.WHB521535	DH.WHB521628	DH.WHB521828	DH.WHB531515	DH.WHB535008

Tong, for adding and removing blocks

Article	Order number
BLE101	DH.WHB500101

