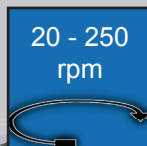
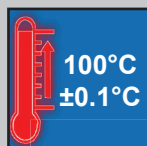


# Bath | shaking water bath

shaking water bath, 18 / 30 / 45 l, up to 100°C ±0.1°C, shaking stroke 20mm



WSB-30 with universal spring rack (included)



No water leak possible due to completely sealed bath.



## WSB shaking water bath, 100°C

### Ideal for:

- direct immersion of samples for shaking in the field of biotechnology and laboratories, hybridization applications, cell cultures, cell aeration, increasing solubility rates, molecular biology assays and bacterial cultures

### Features:

- stainless steel interior and bath, powder-coated steel body, double painted & baked body, 20 mm polyurethane-insulation
- high-performance shaking engine ensures best smoothly shaking motion, minimum noise and vibration
- universal stainless steel spring rack included: for various kind of flasks and tubes (up to 2l), easy to disassemble
- user's self-compensation function to control difference between real temperature and indicated temperature (±10.0°C)
- drain valve mounted
- backlight LCD display
- CE certified and unique serial number for tracing

### Safety mechanism:

- overheat and over-current protection
- sensor error detection

### Controller:

- **Jog-Dial** controller (turn + push)
- digital feedback controller for precise speed control
- digital fuzzy controller for precise temperature control

Model	WSB-18	WSB-30	WSB-45
Capacity	18 l	30 l	45 l
Temperature range & accuracy	room temperature +5°C - +100°C, ±0.1°C		
Temperature resolution	0.1°C-display, 0.1°C-control		
Temperature uniformity & probe	±0.5°C at -20°C, PT100		
Heating Power	1.4 kW	1.8 kW	2.4 kW
Shaking speed & resolution	20 - 250 rpm, 1 rpm-display / 1 rpm-control		
Shaking stroke	20 mm (other strokes by request)		
Max. quantity of Erlenmeyer Flasks	6 x 250 ml, 4 x 500 ml, 1 x 1000 ml	10 x 250 ml, 8 x 500 ml, 3 x 1000 ml	18 x 250 ml, 15 x 500 ml, 8 x 1000 ml
Timer & alarm	99hr 59 min (temperature delay & continuous run), error status & timer end		
Internal dimensions (W x D x H, mm)	300 x 300 x 200 mm	500 x 300 x 200 mm	600 x 380 x 200 mm
External dimensions (W x D x H, mm)	563 x 353 x 340 mm	763 x 353 x 340 mm	863 x 433 x 340 mm
Packing size & gross weight	620 x 420 x 450 mm, 24 kg	820 x 420 x 450 mm, 26 kg	920 x 500 x 450 mm, 32 kg
Power supply	1 Phase AC 120V, 60 Hz or AC 230V, 50/60 Hz		
Order number 230V	DH.WSB03018	DH.WSB03030	DH.WSB03045
Order number 120V	DH.WSB03218	DH.WSB03230	DH.WSB03245

### Accessories:



Dome lid for shaking water bath WSB

Measurements	Article	Order number
for WSB-18, 363x353xh69 mm, stainless steel	SBD018	DH.WSB02018
for WSB-30, 563x353xh69 mm, stainless steel	SBD030	DH.WSB02030
for WSB-45, 663x433xh69 mm, stainless steel	SBD045	DH.WSB02045