

**"DAIHAN" WiseCircu™ WCB Digital Precise Circulation Water Bath, 6-/11-/22- Lit.**  
 with 1 × Stainless Steel Flat Lid, Digital Fuzzy Control System, Powerful Circulation Pump, up to 100 °C, ±0.1 °C, 5 Lit./min



Powerful Circulation Pump assures Temp. Uniformity for both Internal and External Circulation

Digital Precise Circulation Water Bath "WCB-22"



(1) Flat Lid, Stainless Steel (Included)



(2) Dome Lid, Stainless Steel (Optional)

- Digital Fuzzy Control System Implementing Superior Temperature Accuracy
- Patented Jog-Shuttle Control System and Digital LCD Display with Back-Light Function
- CE Certified      ■ PL(Product Liability) Insurance

- \* Ideal for Biotechnology, Clinical, Environmental, Medical, Petroleum, Food Industry, Pharmaceutical and Industrial Applications.
- \* Warning and Automatic Stop Function in case of Liquid Shortage.
- \* User's Self-Compensation Function to Control Difference between Real Temp. and Indicated Temp. (±10.0 °C).
- \* Powerful Circulation Pump Assures Temp. Uniformity, Internal and External Circulation.
- \* 304 Stainless Steel Bath & Lid for Superior Durability & High Thermal Efficiency/Constant.
- \* Connection with Evaporators and Viscometers is applicable.
- \* Storage Function for the Set Values of Temperature and Timer.
- \* Alarm function : Error Status and Timer-end.
- \* Locking Mode Supported for Experimental Safety (Input to Jog-Shuttle can be Disabled).

### Specification

Capacity & Models	6 Lit. "WCB-6"	11 Lit. "WCB-11"	22 Lit. "WCB-22"
Temp. Range & Accuracy	Ambient + 5 °C ~ 100 °C, ±0.1 °C		
Temp. Resolution	0.1 °C - Display, 0.1 °C - Control		
Temp. Uniformity & Probe	±0.2 °C, PT100		
Heating Power	800 W	1 kW	2 kW
Pump	5 Lit. / min (Internal / External)		
Circulation Nozzle	i.d. 7 / o.d. 11 mm (i.d. 9 / o.d. 12mm silicon tube connected for inner circulation)		
Timer & Alarm	99hr 59min (Delay & Continuous run), Error status & Timer-end		
Display	Digital LCD Display with Back-Light Function		
Controller	Digital Fuzzy Controller with Jog-Shuttle Switch (Turn + Push)		
Safety Circuit	Over-Temp./-Current protection, Sensor Error & Low Level Detection		
Material	Stainless Steel ( #304)-Internal, Powder Coated Steel-External		
Lid	included Stainless Steel Flat Lid, Optional Dome Lid		
Drain Valve	None		Mounted(φ9.5-11mm)
Dimension (w × d × h)	Effective Space	120 × 155 × h150 mm	170 × 240 × h150 mm
	Internal	300 × 155 × h150 mm	302 × 240 × h150 mm
	External	330 × 185 × h385 mm	335 × 275 × h385 mm
Packing Size (mm) and Gross Weight (kg)	350 × 210 × h410mm, 11 kg	360 × 300 × h420mm, 13 kg	580 × 380 × h470mm, 18 kg
Power Supply	1 Phase, AC 120 V, 60 Hz or AC 230 V, 50 / 60 Hz		

\* Other Specifications are available upon Customer's Request.

### Ordering Information

- DH.WCB00106 Circulation Water Bath, 230V, 6 Lit., "WCB-6", with Cord/Plug  
 DH.WCB00111 , 11 Lit., "WCB-11", with Cord/Plug  
 DH.WCB00122 , 22 Lit., "WCB-22", with Cord/Plug  
 DH.WCB00206 Circulation Water Bath, 120V, 6 Lit., "WCB-6", with Cord/Plug  
 DH.WCB00211 , 11 Lit., "WCB-11", with Cord/Plug  
 DH.WCB00222 , 22 Lit., "WCB-22", with Cable