

DAIHAN® Digital Precise Shaking Water Bath "MaXturdy™", Reciprocating Motion, 18 · 30 · 45 Lit  
 With Universal Spring Rack, Digital Fuzzy Control, up to 2 Lit Flask, 20~250 rpm, up to 100℃, ±0.1℃, with Certi. & Traceability  
 정밀 진탕 항온수조, 왕복 진탕 운동, 디지털 피드백 제어, 고성능 셰이킹 엔진 탑재



Digital Precise Shaking Water Bath  
 Max. 30Lit, "MaXturdy™ 30"

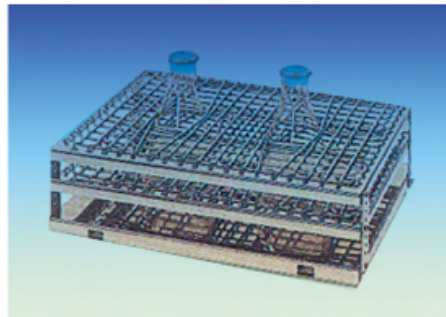
- CE Certified    ■ PL(Product Liability) Insurance
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Digital Fuzzy Controller Provides Precise Temperature Control
- Digital Feedback Controller Provides Precise Speed Control
- Hi-Performance Shaking Engine ensures Best Smoothly Shaking Motion and Minimum Noise and Vibration
- Easy to Disassemble Spring Rack for Cleaning
- Patented Shaking Mechanism : Minimum Noise and Vibration
- Patented Jog-Dial Control System and Digital LCD with Back-Light
- \* Ideal for Direct Immersion of Samples or Shaking in the Field of Biotechnology and Laboratories.
- \* Hybridization Applications, Cell Cultures, Cell Aeration, Increasing Solubility Rates, Molecular Biology Assays, Bacterial Cultures
- \* Stainless-steel Bath for Superior Durability & High Thermal Efficiency
- \* Universal Stainless-steel Spring Rack Included : for various kind of Flasks and Tubes (up to 2 ℓ)
- \* User's Self-Compensation Function to Control Difference between Real Temperature and Indicated Temperature (±10.0℃)
- \* Over Temp., Over Current Protection and Sensor Error Detection
- \* Digital Timer Function : 'Delay Time' and 'Operation Time' : Can be Controlled

Specifications & Ordering information

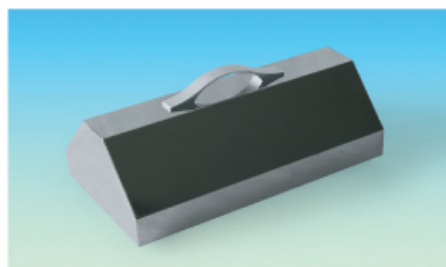
Spec.	Model	"MaXturdy™ 18" Max. Capa. 18Lit	"MaXturdy™ 30" Max. Capa. 30Lit	"MaXturdy™ 45" Max. Capa. 45Lit
Capacity		18 Lit	30 Lit	45 Lit
Max.Q'ty of Erlenmeyer Flask		250ml×6 ea, 500ml×4 ea, 1000ml×1 ea	250ml×10 ea, 500ml×8 ea, 1000ml×3 ea	250ml×18 ea, 500ml×15 ea, 1000ml×8 ea
Temp. Range & Accuracy		Room Temp. +5℃ to 100℃, ±0.1℃		
Temp. Resolution		0.1℃-Display, 0.1℃-Control		
Temp. Uniformity & Probe		±0.5℃, PT100		
Heating Power		1.4 kW	1.8 kW	2.4 kW
Shaking Speed & Resolution		20 ~ 250 rpm, 1rpm-Display/1rpm-Control		
Shaking Stroke (mm)		15, 20, 30 Available (20 as factory Default)		
Timer & Alarm		99hr 59min (Delay & Continuous run), Error status & Timer-end		
Display		Digital LCD with Back-Light Function		
Controller Digital		Fuzzy Controller with Jog-Shuttle Switch (Turn+Push)		
Safety Circuit		Over-Temp./-Current protection, Sensor Error Detection		
Rack		Included Stainless-steel Spring Rack : Universal-type		
Drain Valve		Mounted		
Material		Stainless-steel (#304)-Internal, Powder Coated steel-External		
Dimension (w×d×h)	Internal (mm)	300×300×h200	500×300×h200	600×380×h200
	External (mm)	563×353×h340	763×353×h340	863×433×h340
Packing Size (mm) & Gross Weight (kg)		620×420×h450, 24 kg	820×420×h450, 26 kg	920×500×h450, 32 kg
	Electric Reqts.	1 Phase, AC 120V, 60 Hz or 230V, 50 / 60Hz		
Cat. No.	230V	DH.WSB03018	DH.WSB03030	DH.WSB03045
	120V	DH.WSB03218	DH.WSB03230	DH.WSB03245
Price, Each. ₩				

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

※ 운임 약 ₩ 16,000 별도!



(1) Universal Spring Rack  
 (Included)



(2) Dome Lid, Stainless-steel (Optional)

Spare Universal Spring Rack

DH.WSB55018 (1) Spring Rack, for 18 Lit, 245×270×h110mm, "SBR518"  
 DH.WSB55030 , for 30 Lit, 445×270×h110mm, "SBR530"  
 DH.WSB55045 , for 45 Lit, 545×350×h110mm, "SBR545"

Ea. Price, ₩

Optional Stainless-steel Dome Lid

DH.WSB02018 (2) Dome Lid, for 18 Lit, 363×353×h69mm, "SBD018"  
 DH.WSB02030 , for 30 Lit, 563×353×h69mm, "SBD030"  
 DH.WSB02045 , for 45 Lit, 663×433×h69mm, "SBD045"

Ea. Price, ₩

Shaking Water Bath with Validation (IQ, OQ) Service

DH.WSB31018 Validation Service(IQ, OQ), with "MaXturdy 18", "SBV018"  
 DH.WSB31030 , with "MaXturdy 30", "SBV030"  
 DH.WSB31045 , with "MaXturdy 45", "SBV045"

Ea. Price, ₩