Articles	Cat. No	Description

DAIHAN-brand® 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 쉐이킹 엔진 탑재

CE   up to 100℃

Stainless steel Spring Rack

Jog-Dial with Push Button

Reciprocating Shaking Motion   **2-Year Warranty**

Digital Precise Shaking Water Bath "MaXturdy™ 30"

(1) Universal Spring Rack (Included)

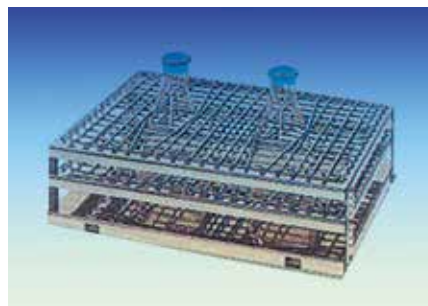**(2) Dome Lid, Stainless steel (Optional)**

- **Made in Korea**   ■ **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
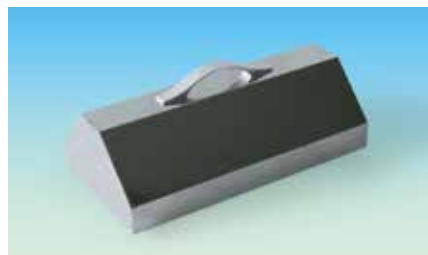
Specifications & Ordering information

Spec. \ Model		"MaXturdy™ 18"	"MaXturdy™ 30"	"MaXturdy™ 45"
Capacity		18 Lit.	30 Lit.	45 Lit.
Max.Q'ty of Erlenmeyer Flask		250 ml×6 ea, 500 ml×4 ea, 1000 ml×1 ea	250 ml×10 ea, 500 ml×8 ea, 1000 ml×3 ea	250 ml×18 ea, 500 ml×15 ea, 1000 ml×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) Spare Universal Spring Racks

		Ea. Price, ₩
DH.WSB55018	(1) Spring Rack, for **18 Lit**, 245×270×h110mm, **"SBR018"**	
DH.WSB55030	, for **30 Lit**, 445×270×h110mm, **"SBR030"**	
DH.WSB55045	, for **45 Lit**, 545×350×h110mm, **"SBR045"**	

(2) Optional Stainless-steel Dome Lids

		Ea. Price, ₩
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"**	

Shaking Water Bath with Validation (IQ, OQ) Service

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