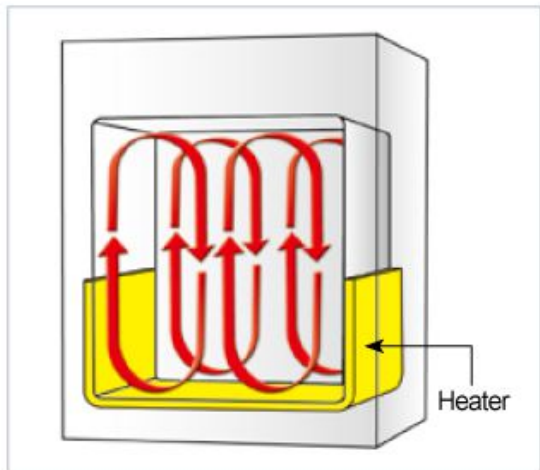


DAIHAN® SMART Gravity-air Incubator “ThermoStable™ SIG”, **Class I Medical Device(NIDS)**, 32 · 50 · 105 · 155 Lit
 With **Smart-Lab™ Controller**, 4" Full Touch Screen TFT LCD Display, Fuzzy-PID Control, 2 Wire Shelf, Certi. & Traceability, up to 70℃, ±0.2℃
 스마트 자연 대류식 배양기/인큐베이터, 우수한 온도 균일도와 정확도, WiRe™서비스, 4인치 풀터치스크린 조절기



“ThermoStable™ SIG-105”, SMART Gravity-air Incubator



3-Side Heating Zone : The Best Temp. Uniformity & Accuracy by High Performance Heating Mechanism.

» DAIHAN WiRe™ App Service



It is possible to monitor and control the Smart-Lab™ equipment through all smart phone, tablet without restraint of time and place.

7" Full Touch Screen TFT LCD
 (Smart-Lab™ Controller)

Controlled by Smart-Phone



- GD(Good Design)-mark ■ PL(Product Liability) Insurance ■ UL, CUL, and CE Certified
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Smart-Lab™ Controller with WiRe™ App Service.
- * Self-Diagnostic Function * Automatic Data Recording
- * Variable Program Setting for Multiple Patterns with Multiple Segments
- * The Recorded Data could be transferred to PC by USB memory
- * Internet Connectivity with WiFi * Controller SW can be upgraded through USB port.
- * Optimized Air Circulation by Natural Flow preventing Cross Contamination of Samples
- * 3-Side Heating Mechanism : The Best Temp. Uniformity & Accuracy by High Performance Heating Mechanism
- * Various Application : Microorganism Culture, Animal & Plant Cell Culture, Constant Temp., Germination, and so on

Specifications & Ordering information

※ 운임 약 ₩ 25,000 별도!

Spec.		Model	ThermoStable™ SIG-32 Max. Capa. 32L	ThermoStable™ SIG-50 Max. Capa. 50L	ThermoStable™ SIG-105 Max. Capa. 105L	ThermoStable™ SIG-155 Max. Capa. 155L
Capacity			32 Lit	50 Lit	105 Lit	155 Lit
Dimension (w×d×h)	Interior (mm)		312×290×360	370×350×420	485×410×535	550×475×600
	Exterior (mm)		458×477×624	518×537×701	635×595×841	700×660×906
Heater Power			150W	200W	300W	400W
Temp.	Range		Room Temp. +5℃ to 70℃			
	Fluctuation		± 0.2℃ at 37℃, ± 0.3℃ at 50℃			
	Variation		± 0.6℃ at 37℃, ± 1.0℃ at 50℃			
	Sensor		PT 100			
Control Resolution			±0.1℃			
Heat-up Time			25 min. to 37℃, 40 min. to 50℃			30 min. to 37℃, 40 min. to 50℃
Recovery Time (Door open 30sec)			8 min. to 37℃ 12 min. to 50℃		10 min. to 37℃ 15 min. to 50℃	
Controller			Smart-Lab™ Controller			
RS232			Available to connect with PC			
Display			4" Full Touch Screen TFT LCD			
Timer			99hr 59 min (delay/continuous function)			
Storage			Temp. and Time			
Material	Internal		Stainless-steel (#304), Corrosion Resistant			
	External		Powder Coated steel			
	Inner Door		Inner Tempered Glass Door			
Shelf (Included)			2 PE-coated Steel Wire Shelf Load per Shelf : 16 kg			
Ventilation			1 Ventilation hole with Stainless-steel Cap, Hole Diameter 40mm			
Safety device			Over Temp. and Over Current Protector, Sensor Error Detector			
Alarm			Error Status and Timer-end			
Net Weight (kg)			32	40	59	71
Packing Size (w×d×h) (mm)			568×592×698	628×652×775	731×710×1,018	796×775×1,083
Shipping Weight (kg)			39	53	67	78
Power Consumption			159 W	169.9 W	292.9 W	420.5 W
Energy Consumption, at 37℃ , at 50℃			34 Wh	41 Wh	63 Wh	99 Wh
			81 Wh	103 Wh	152 Wh	212 Wh
Electrical Reqts.			120V, 60Hz or 230V, 50/60Hz			
Cat. No.	230V		DH.SWIG03032	DH.SWIG03050	DH.SWIG03105	DH.SWIG03155
	120V		DH.SWIG04032	DH.SWIG04050	DH.SWIG04105	DH.SWIG04155

• Other Specifications are available upon Customer's Request.

SMART Incubator with Validation (IQ, OQ) Service

DH.SWIG31032 Validation Service(IQ, OQ), with "SIG-32", "SIGV032"
 DH.SWIG31050 , with "SIG-50", "SIGV050"
 DH.SWIG31105 , with "SIG-105", "SIGV105"
 DH.SWIG31155 , with "SIG-155", "SIGV155"