



# Temperature & Humidity Chamber

항온항습기

## Features

- The grounded circuit and ELB prevent a short circuit and over current of electricity. Fuse change is not required.
- Equipped overheat protection sensor.
- Accurate temperature controls by Digital PID controller. (Touch screen : Option)
- Glass wool , ceramic wool optimized for insulation and heat loss.
- Set time /temperature function to dry and to culture.
- Fourfold tempered safety glass windows with fluorescent light for excellent observation.
- Transparent pot level box and humidifier box easy to clean and maintain.
- Equipped cable hole, air exhaust port for easier and safer experiment.

## Specifications

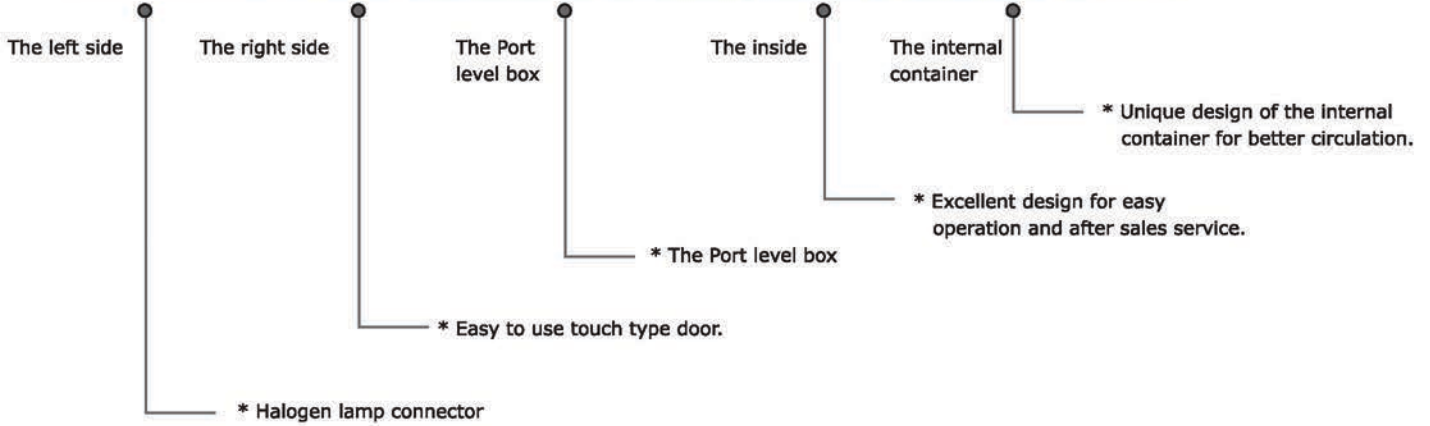
Made in Korea

Spec.100		TH-81	TH-150	TH-288	TH-81G	TH-150G	TH-288G
Chamber volume		81ℓ	150ℓ	288ℓ	81ℓ	150ℓ	288ℓ
Control system		Digital PID Controller					
Temperature Working Range		-10℃~ 120℃			-30℃~ 120℃		
Humidity Working Range		30%~ 98%					
Heater	Drying bulb	1.6KW x 1ea					
	Humidity	1.5KW x 1ea					
Sensor	Temperature	Pt 100Ω					
	Humidity	Electric sensor					
Air FAN		3"x6"					
Water tank		20ℓ					
Size	Internal (WxDxH, mm)	450x400x450	500x500x600	600x600x800	450x400 x450	500x500x600	600x600x800
	External (WxDxH, mm) (without Motor box 150mm)	1100x850x1290	1150x950x1440	1250x1050x1640	1100x950x1290	1150x950x1440	1250x1050x1640
Safety		ELB(Earth Leakage Circuit Breaker)					
Material	Internal	Stainless steel #304					
	External	Steel, Powder coating					
	Shelves	SUS #304 Wire, Electro-Polished					
	Insulation	Urethane form					
	Door Packing	High Temp, Ceramic Rubber					
Electric Requirements		220VAC 50 /60Hz					
Option	Control	Touch Screen / Controller / Recorder					
	(-50℃~ 120℃)	TH-81U / TH-150U / TH-288U					

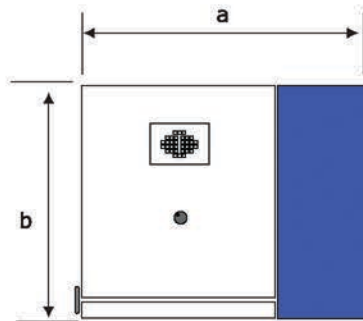
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## Distinction



## Structure



(mm)

Dim	a	b	c	d	e	f
	990	850	1230	170	350	1400

