



SG-245-R

1 Features

- ▶ This economical dark seed germinator ideal for use in testing labs.
 - Clear glass window allows light for seed testing that required exposure to light or may be covered for dark testing
 - Microprocessor based controller offer the fuctions of auto tuning, alarm, self-diagonistic error message display
 - The shelves support and are removable for decontamination cleaning

2 Specifications

Model	SG-245	SG-245-R
Capacity	245 liter	
Chamber (WxBxH)	490x500x1000mm	
Temperature range	Amb. to +45°C	-5 to +60°C
Humidity range	95% to 98%RH at 30°C	
Timer	Digital, 99hr/59min or hold	
Heating device	Electric heater	
Cooling device	None	refrigerator
Water Circulation	1/3HP magnetic pump	
Shelves	14 nos of removable	
Safety device	High.Low temp. limiter & Alarm	
Control & display	M/processor PID with digital LED dispaly	
Material	SUS interior & Epoxy coated steel plate	
Power source	220VAC,50/60Hz,single phase	
Overall (WxDxH)	620x620x1260mm	660x780x1680mm
Weight (Kg)	175	215

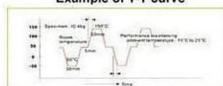
- 3 Options : Programmable controller

Material Test Chamber



HLT-180

Example of T-T curve



1 Features

- This tester is constructed for thermal shock anaysis
- Temp. limit from -40°C to +120°C by stored chamber
- Excellent temp. recovery performance by heat & cold within 5 min.
- Programmed or manual operation by LCD touch screen
- Glass wool insulation diffectively retains for temperature uniformity

2 Specifications

Model	HLT-180	HLT-280
Capacity	180 liter	280 liter
Chamber (WxBxH)	600x500x600mm	700x500x800mm
Temp. range	-40 to +120°C	
Temp. rate	-40°C/50min,+120°C/20min,Recover/ 5min	
Heating system	Fin type heater 2 KW	2.5 Kw
Cooling system	Refrigerator 2x1Hp	2x1.5Hp
Shelves	3 x electroplating steel wire	
Material	Stainelss steel interior & steel plate exterior	
Control & display	P/microprocessor PID control & touch screen	
Safety device	High & low temp. limiter,current breaker	
Powe source	220VAC, 50/60Hz	
Overall (WxDxH)	840x1050x1750mm	940x1150x1850mm
Weight (Kg)	150 Kg	195 Kg

- 3 Options : RS485 interface & temp.recorder