

**VAPOR HEAT TREATMENT
TESTING SYSTEM
EHK-1000E**

CATALOGUE

SANSHU SANGYO CO., LTD.

Vapor Heat Treatment Testing System

EHK-1000E

As pioneer manufacturer of Vapor Heat Treatment system,

SANSGYU SANGYO is providing

State-of-the Art Equipment every time.

This equipment provides system for

STERILIZATION TESTS & FRUIT DAMAGE TESTS

This system can be installed in a test chamber as a biochemical testing system according to purpose. The differential pressure mechanism permits the provision of a variety of environmental conditions, including temperature and humidity, with high precision; their control and maintenance; and recording of the results during the course of the experiment at any time, as needed.



The main structural features are:

1. Chamber for testing

Three cylindrical treatment containers are provided test chamber, which is sealed with double doors. These cylindrical treatment containers house smaller drawer-type containers in which the test specimens are placed.

2. Temperature & Humidity management device unit

This unit is internally provided with a heating device, a humidifying device, cooling device and forcibly circulates vapor heated air among the specimens inside the chamber's cylindrical containers using an air blower to adjust the temperature and humidity.

3. Control unit

This unit corners equipped with a processing timer, temperature-humidity controller, hybrid recorder and safety devices.

Specifications

MODEL	EHK-1000E	
OUTER DIMENSIONS (L×W ×H)	3,250 × 1,030 × 2,120 (mm)	
TEST CHAMBER DIMENNSIONS	1CUBIC METERS 1,1560 × 800 × 800	
PERFORMANCE	TEMPERATURE RANGE	ROOM TEMP. +10°Cto 60°C ※1
	TEMPERATURE ADJUSTMENT RANGE	0.1 °C
	HUMIDITY RANGE	55% to 98% RH
	HUMIDITY ADJUSTMENT RANGE	0.1% RH
RATINGS	POWER SOURCE	3 φ 200V / 50Hz
	MAXIMUM POWER CONSUMPTION	20kW

NOTE

※1 Maximum of TEMPERATURE RANGE is able to increase to 90°Cby optional modification.

SAFETY DEVICE	Earth-leakage circuit breaker, Over-temperature preventer, Water-empty-heating preventer, Automatic water feeder, Refrigerator high-pressure regulator, Overload relay, Automatic recovery after power outage
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