

Cyclic Corrosion Test Chamber

ETSP-CCT Series



ETSP-CCT series provide possible laboratory simulation of natural corrosion. Current research indicated that test results are similar to outside doors in researching structure, morphology and relative corrosion rates. In a ETSP-CCT series, specimens are exposed to a series of different environments in a repetitive cycle that mimics the outdoors, simple cycles may consist of cycling between salt fog and dry conditions. It is possible to cycle through all of the most significant corrosion environments. Even the most complex test cycles can easily be programmed with the custom touch screen LCD controller.

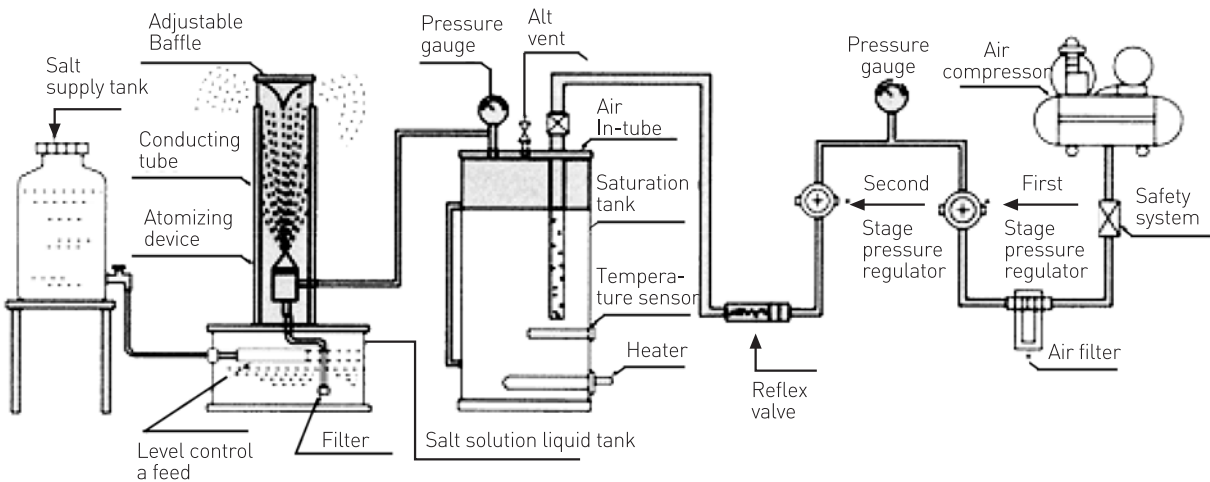
Options

- Chart recorder
- PH meter set kit
- Additional nozzle
- Distilled water generator and pump
- Customization available



General Features

- Test space and outer housing are made of non-corrosive material. (Internal material PP, External material: Stainless steel 304)
- All piping for air/liquid are made of nylon or polyurethane material.
- Unique salt spray atomizer to guarantee uniform salt spray distribution
- Friendly, flexible, up-to date control and management systems.
- Allows easy servicing and upgrades upgrades.
- Oven networking connecting system (RS232/485)



Specifications

Model	Internal dimensons (mm)			Eternational dimensions (mm)			Useful capacity
	Width	Depth	Hight	Width	Depth	Hight	
ETSP-CCT 200	800	500	500	1400	1000	1500	200 liters
ETSP-CCT 480	1000	800	600	1600	1300	1600	480 liters
ETSP-CCT 600	1500	800	500	2100	1000	1500	600 liters
ETSP-CCT 1000	2000	1000	500	2600	1500	1500	1.000 liters

Note: Different size of chambers are available on user's demand.

Technical Features

Temperature range	RT -80 °C
Humidity range	20 ~ 98%RH
Spray volume	1.5 ± 0.5mℓ /80cm ² /h
Atomizer	Fine fog of 5-20 micron droplet size
Filter / regulator	A filter cum air regulator, with pressure from 0-30 PSI
Saturator	• Non-corrosive, temperature controlled saturator • Automatic water level controller • Immersion heater
Input power requirements	230V± 10%, 380V ± 10%, 50Hz/60Hz, 1PH/3PH (Changeable according to customer specification.)
Microprocessor controller including self-diagnostics, warning message function	