

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.

General Features

- Test space and outer housing are made of non-corrosive material. (Internal material: Titanium, External material: Stainless steel 316)
- 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.
- Oven networking connecting system (RS232/485)



ETSP-CCT series

Technical Features

- Temperature range: RT ~80 °C
- Humidity range: 20 ~ 98%RH
- Spray volume: $1.5 \pm 0.5 \text{ml}/80 \text{cm}^2/\text{h}$
- 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
- Microprocessor controller including self-diagnostics, warning message function
- Input Power Requirements: 230V \pm 10%, 380V \pm 10%, 50Hz/60Hz, 1PH/3PH
(Changeable according to customer specification.)



ETSP Co., Ltd.

[Http://www.etsp.co.kr](http://www.etsp.co.kr)

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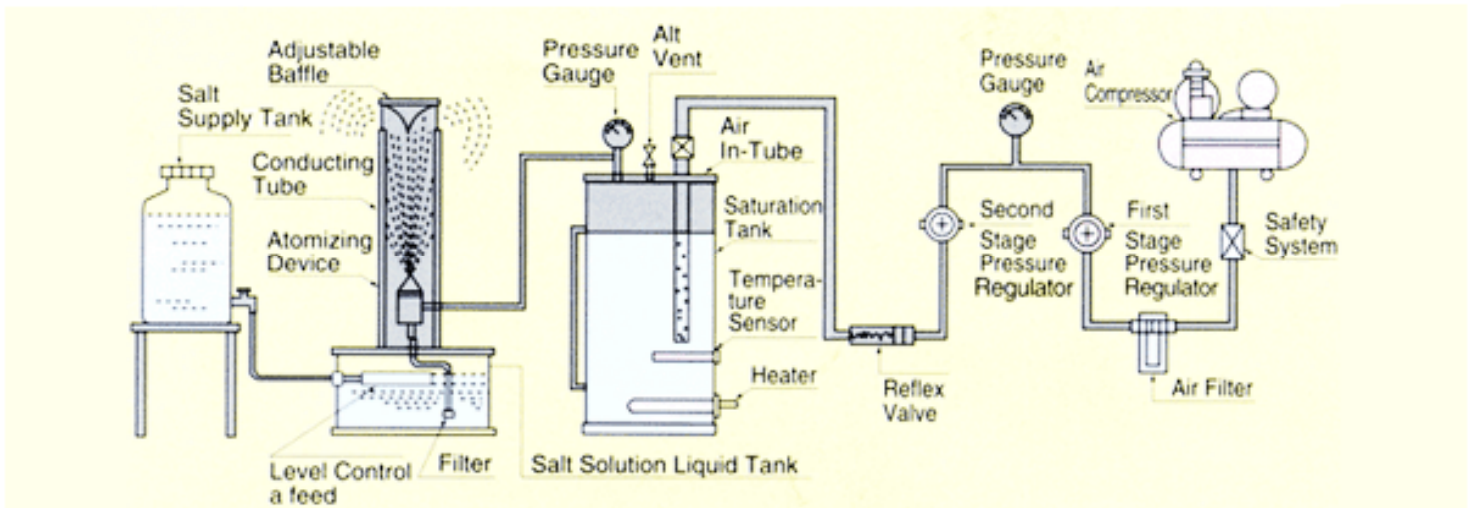
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Technical Specification

Model	Internal dimesnions	Eternational dimensions	Useful capacity
ETSP-CCT 200	800 X 500 X 500 (W X D X H) mm	1400 X 1000 X 1500 (W X D X H) mm	200 liters
ETSP-CCT 480	1000 x 800 x 600 (W X D X H) mm	1600 x 1300 x 1600 (W X D X H) mm	480 liters
ETSP-CCT 600	1500 x 800 x 500 (W X D X H) mm	2100 x 1000 x 1500 (W X D X H) mm	600 liters
ETSP-CCT 1000	2000 X 1000 X 500 (W X D X H) mm	2600 X 1500 X 1500 (W X D X H) mm	1,000 liters

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



Options

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



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