

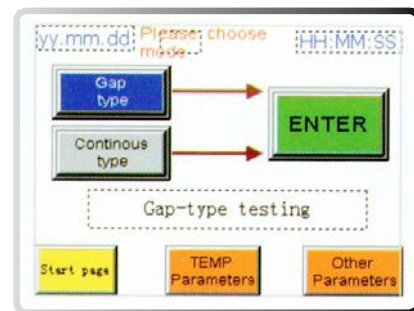
# Programmable Cyclic Corrosion Test Chamber



**LABEC Cyclic Corrosion Testing Chamber** simulates the closest actual natural environment, such as salt spray, drying, humidity and temperature alternating. The testing is stricter than the natural environment and can be programmed or tested individually.

## Features include:

- **Temperature and Humidity Controller:** Powerful LCD touch screen temperature and humidity controller.
- **Optional Recorder:** Optional recorder used to save temperature and humidity curve graph.
- **Support Power Off Memory:** Support power off memory, available to continue testing after power recover.
- **Programmable Control System:** Programmable control system, continuously and cyclic spray.
- **Water Refilling System:** Auto/manual water refilling system ensures non-stopping testing.
- **Precision Glass Nozzle:** Precision glass nozzle makes sure fog is well-distributed.
- **Easy Operation:** Auto descending and ascending system for testing cover, makes operation easy and safe.
- **Auto Defrost System:** Clearly view testing samples with auto defrost system.



## Control System:

### PID Temperature Controller:

High precision PID temperature controller to limit the temperature differences.

### Double Over-Heating Protection Systems:

Double over-heating protection systems protects both the chamber and the operator.

### Optional Continuously or Cyclic Spray:

Optional continuously or cyclic spray, apply full automatic detecting system.

**Optional RS232 Interface:** Optional RS232 interface used to connect with computer.

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LABEC



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Model		QCC-270	QCC-510	QCC-816	QCC-1200
Interior Dimensions (mm)	W	900	1200	1600	2000
	D	600	850	850	1000
	H	500	500	600	600
Exterior Dimensions (mm)	W	1460	2200	2600	3000
	D	910	1200	1450	1650
	H	1280	1450	1550	1600
Solution Tank		25L	60L		
Power Supply		AC 220V /50HZ/1P		AC380V/50HZ/3P	
Ambient Temp. & Humid. Range		+5°C~ +35°C / <85%RH			
Air Pressure		86~ 106Kpa			
Testing Temperature		NSS ACSS 35°C±1°C / CASS 50°C±1°C			
Pressure Barrel Temperature		NSS ACSS) 47°C±1°C /CASS 63°C±1°C			
Drying Test		Chamber temperature: 40°C-70°C( ±0.5°C), Humidity: 30%-98% (±5%RH)			
Temperature and Humidity Test		Chamber temperature range: RT°C-70°C(±2°C) (Low temperature: below 25°C without humidity)			
		Cooling time: -70°C~ RT°C within 35min Heating time: RT-50°C within 60 min			
		Temperature uniformity: ±2°C Humidity range: 30%-98% (uniformity: ±2%RH)			
Temp. & Humid. Test		Temperature test: 45°C±2°C		Humidity test: 85%~98% ±2%RH	
Solution Consistence		NaCl 5%			
PH Value		NSS ACSS:6.5~7.2; CASS:3.0~3.2			
Air pressure		1.00±0.01kgf/cm <sup>2</sup>			
Temperature fluctuation		±0.5°C			
Temperature uniformity		±2. 0°C			
Temp. & Humid. Resolution		0.1°C; 0.1%R.H.			
Spray quantum		1.0~2.0ml/80cm <sup>2</sup> /h			
Material		Polyvinyl chloride (P.V.C)			
Heater		Corrosion-resistant titanium tube			
Temperature sensor		Platinum Resistance PT-100			
Controller		LCD touch screen temperature and humidity controller			
Safety device		Over-temperature protection , leakage protection			