

# Environmental Stress Screening Test Chamber

-----the Internal Dimension can be customized

## Application:

PCT Environmental Stress Screening Test Chamber is mainly to test the moisture capacity of semiconductor packaging. The products to be measured are tested under severe temperature, humidity and pressure. Moisture will infiltrate into the packaging body along the interface of colloid or colloid and wire rack. The common fault formula is caused by active metallization. Circuit breakage, or short circuit between package leads due to contamination.

## Technical Parameters:

Model	PCT - 35	PCT - 45	PCT - 55	PCT - 65
Internal Dimension $\Phi \times D$ (mm)	350×450	450×550	<b>550×650</b>	650×750
External Dimension $\Phi \times D$ (mm)	800×1250×800	900×1380×900	<b>1050×1550×1100</b>	1200×1700×1250
Temperature Range of Saturated Steam (Operating temperature)	(Temperature Range of Saturated Steam: 100°C~135°C) , Temperature Range: 120°C,100Kpa/ 133°C 200 Kpa;(143°C is special order)			
Relative Pressure/ Absolute Pressure	Relative pressure: display values indicated on the pressure gauge Absolute pressure: Value that add 100 Kpa based on display values indicated on the pressure gauge (The actual value in the inner box)			
Humidity of Saturated Steam	100%RH saturation steam humidity			
Steam Pressure (Absolute Pressure)	101.3Kpa +0.0Kg/cm <sup>2</sup> ~ 2.0Kg/cm <sup>2</sup> ; (3.0Kg/cm <sup>2</sup> is special standard)			
Recursive Device	Steam Natural convection circulation			
Safety Protective Devise	Water short storage protect, over pressure protect.(have automatically/manual water replenishing, automatically discharge pressure function )			
Accessories	Two layers stainless steel plate			
Power	AC 220V(±10%), 1 ph 3 Lines ,50/60HZ ;			



**AI SI LI (CHINA) TEST EQUIPMENT CO., LTD**

Tel.:0086-769-23164266

Fax:0086-769-22851784

E-mail: sales8@aslitesting.com

Company Add.:Building C,JinHui Industrial Park, LiXin town,East City district 523125,DongGuan City,China

# Pictures



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