



Chapter 1: The Technical Parameters for Rapid Thermal Shock Test Chamber WE-STS-080-B

01.	Equipment Performance: Products performed as air-cooled and water-cooled. The temperature is room °C when machine is no-load.	
02.	Product Name: Programmable Rapidly Temperature Change Thermal Shock Test Chamber	
03.	Thermal Shock Chamber's Model: WE-STS-080-B, Two Zones	
04.	The Dimensions: 500 x 400 x 400mm (W x D x H)	
05.	Volume: 80 Liters	
06.	External Dimensions of Approximately: 1500 x 1720 x 1700 mm (W x D x H)	
07.	Temperature Range: -70 °C ~ +200 °C	
08.	Test Performance Example: Test, Three Zone, Range: -65C to amb to 150C, Recovery: 6.5min (upstream air), Load: 5.0kgs (Plastic ICs +basket)	
09.	High Temperature Room:	(1) Temperature Range : +50°C ~+220°C (2) Heating Rate : ≥14°C/min(Energy storage rate)
10.	Low Temperature Room:	(1) Temperature Range: -75°C ~70°C (2) Heating Rate: ≥4.5°C/min(Energy Storage Rate) (3) Cooling Rate: ≥2.0°C/min(Energy Storage Rate)
11.	Temperature fluctuation of central point of test area: ±1.0°C	
12.	Temperature Deviation: ±2.0°C (≤+150°C/h) ±3.0°C (>+150°C/h)	
13.	Temperature Change: ≤10 Seconds	
14.	Temperature Recover: 3 ~ 5min (non-linear, without load)	
15.	Control Accuracy: ±0.2°C (The setting value VS The actual value)	
16.	Preheating Temperature: + 25 °C ~ + 100 °C / 30 min	
17.	Precooling Temperature: + 25 °C ~ - 45 °C / 40 min	
18.	Noise: ≤65dB (A)	
19.	Advantages: Mainly part inside Wewon's environmental chamber : Schneider, Carlo Gavazzi, Omron, Danfoss, Sporlan, Emerson, Germany	
20.	Bitzer, France Tecumseh, USA Dupont. This is the China local supplier not provide you, But we have !	