Constant temperature chamber(CT/TTSeries)

Labonce-CT series constant temperature chamber is designed for high-temperature stability testing of pharmaceuticals, packaging material thermal resistance tests and high-temperature aging tests of materials.

◆ Reference standard: GB/T 10586-2006 Technical Conditions for thermal-humidity chamber ;
◆ Air-way system: A new air-way system design, three sides of the air, good temperature uniformity in different locations within the chamber;
◆ Chamber Materials: The exterior is coated with high quality steel plate,The liner is made of mirror stainless steel, with built-in glass door;
◆ Control system: Programmable color touch screen controller with three-level user permissions and audit tracking function;
◆ Data management: Configure electronic data storage , which can export data through a USB flash drive;
◆ Safety device: Equipped with an independent overtemperature protection system to protect the safety of samples and equipment;
◆ Double Door Structure: The interior door features a tempered glass design, allowing samples to be observed by opening the outer door. The container's temperature and humidity remain stable in the short term, as the solid outer door provides effective thermal insulation. Additionally, it prevents interference from external light;
◆ Temperature control accuracy: CT series: Temperature fluctuation<± 0.5 ℃;
Temperature deviation<± 1.0 ℃;
Emperature uniformity ≤ 2.0 ℃;
TT series: Temperature fluctuation<± 0.5 ℃;
Temperature deviation<± 0.7 ℃;
Temperature uniformity ≤ 1.0 ℃;
◆ Power: AC220V ± 10% 50Hz;
◆ Optional: Needle type micro printer.

◆ 150~500CT

◆ 800~1000CT

Name	Model	Temperature Range (℃)	Capacity (L)	Interior Dimensions(mm) W×D×H	External Dimensions(mm) W×D×H	Power (kW)	Shelf (Standard)	Remarks
Constant temperature chamber	Labonce-50CT	0 ～ 85	50	400×310×350	590×520×740	1.0	2/2	Temperature uniformity: ≤ 2.0 ℃
	Labonce-150CT		150	600×405×620	780×830×1480	1.2	3/6	
	Labonce-250CT		250	600×500×830	780×880×1650	1.5	3/7	
	Labonce-400CT		400	600×700×950	780×1060×1750	2.0	3/10	
	Labonce-500CT		500	680×680×1080	860×1050×1850	2.2	4/11	
	Labonce-800CT		800	1200×490×1360	1385×895×1965	2.5	4/8	
	Labonce-1000CT		1000	1400×510×1400	1615×925×1975	3.0	4/8	
Constant temperature chamber	Labonce-250TT	0 ～ 85	250	600×500×830	780×880×1650	1.5	3/4	Temperature uniformity: ≤ 1.0 ℃
	Labonce-720TT		720	1200×490×1360	1385×895×1965	2.5	4/8	
Constant temperature chamber	Labonce-12CT-S	10 ～ 50	12	290×160×260	410×315×590	0.4	2	Semiconductor refrigeration

All indicators on this color page were measured at an ambient temperature of 20~25℃ .