

Constant Temperature & Humidity Chamber (CH Series)

- ◆ Reference standard: GB/T 10586-2006 Humid heat test chamber technical conditions;
- ◆ Air-way System: The newly air-way system designed achieves uniform of temperature form different parts inside the chamber;
- ◆ Insulation material: Overall high-density polyurethane foam technology, with good insulation and moisture retention performance;
- ◆ Chamber Materials: The exterior is coated with high quality steel plate, The liner is made of mirror stainless steel 304, no pollution source, easy to clean;
- ◆ Refrigeration system: Imported fully enclosed compressor, high efficiency, low noise, long life;
- ◆ Control system: programmable color touch screen controller with data storage function, data can be exported through USB flash drive;
- ◆ Humidity control: Original imported capacitive humidity sensor, high precision, low drift, long service life, maintenance free;
- ◆ Safety device: Anti dry burning protection system, independent overtemperature protection system, on-site buzzer alarm;
- ◆ Other configuration: Test hole、Rubber plug、Mobile casters、Door lock;
- ◆ Temperature control Precision: Temperature fluctuation $\leq \pm 0.5^{\circ}\text{C}$;
Temperature deviation $\leq \pm 1.0^{\circ}\text{C}$; Temperature uniformity $\leq 2.0^{\circ}\text{C}$;
- ◆ Humidity control Precision: humidity fluctuation $\leq \pm 3\% \text{ RH}$; Humidity deviation $\leq 3\% \text{ RH}$;
- ◆ Environmental temperature: $+5\sim 35^{\circ}\text{C}$;
- ◆ Power: AC220V $\pm 10\%$ 50Hz;
- ◆ **Optional:** printer、lighting.



◆ 150CH~500CH

Model	Temperature Control Range(°C)	Humidity control range(RH)	Capacity (L)	Interior Dimensions(mm) W×D×H	External Dimensions(mm) W×D×H	Power (kW)	Shelf (Standard)	Remarks
Labonice-150CH-T	15~60	40 ~ 90%	150	600×405×620	780×830×1480	1.2	3	
Labonice-250CH-T	15~60	40 ~ 90%	250	600×500×830	780×880×1650	1.5	3	
Labonice-400CH-T	15~60	40 ~ 90%	400	600×700×950	780×1060×1750	2.0	3	
Labonice-500CH-T	15~60	40 ~ 90%	500	680×680×1080	860×1050×1850	2.2	4	
Labonice-800CH-T	15~60	40 ~ 90%	800	1200×490×1360	1385×895×1965	2.5	4	
Labonice-1000CH-T	15~60	40 ~ 90%	1000	1400×510×1400	1615×925×1975	3.0	4	

Constant Temperature & Humidity Chamber (TH Series)

- ◆ Reference standard: GB/T 10586-2006 Humid heat test chamber technical conditions;
- ◆ Air-way System: The newly air-way system designed achieves uniform of temperature form different parts inside the chamber;
- ◆ Insulation material: Overall high-density polyurethane foam technology, with good insulation and moisture retention performance;
- ◆ Chamber Materials: The exterior is coated with high quality steel plate, The liner is made of mirror stainless steel 304, no pollution source, easy to clean;
- ◆ Refrigeration system: Imported fully enclosed compressor, high efficiency, low noise, long life;
- ◆ Control system: programmable color touch screen controller with multi-segment program and fixed value function;
- ◆ Data management : Electronic data storage function, which can export data through a USB flash drive;
- ◆ Humidity control: Original imported capacitive humidity sensor, high precision, low drift, long service life, maintenance free;
- ◆ Safety device: Anti dry burning protection system, independent overtemperature protection system, on-site buzzer alarm;
- ◆ Other configuration: Test hole、Rubber plug、Mobile casters、Door lock;
- ◆ Temperature control Precision: Temperature fluctuation $\leq \pm 0.5^{\circ}\text{C}$;
Temperature deviation $\leq \pm 1.0^{\circ}\text{C}$; Temperature uniformity $\leq 2.0^{\circ}\text{C}$;
- ◆ Humidity control Precision: Humidity fluctuation $\leq \pm 3\% \text{ RH}$;
Humidity deviation $\leq \pm 3\% \text{ RH}$ (control humidity $> 75\% \text{ RH}$);
Humidity deviation $\leq 5\% \text{ RH}$ (control humidity $\leq 75\% \text{ RH}$);
- ◆ Environmental temperature: $+5\sim 35^{\circ}\text{C}$;
- ◆ Power: AC220V $\pm 10\%$ 50Hz;
- ◆ **Optional:** Printer、Lighting.



◆ 800TH~1000TH

Model	Temperature Range (°C)	Humidity control range(RH)	Capacity (L)	Interior Dimensions(mm) W×D×H	External Dimensions(mm) W×D×H	Power (kW)	Shelf (Standard)	Remarks
Labonice-150TH-T	0 ~ 100	20~95%	150	600×405×620	780×830×1480	1.5	3	Equipped with high temperature resistant capacitive humidity sensor
Labonice-250TH-T	0 ~ 100	20~95%	250	600×500×830	780×870×1650	1.8	3	
Labonice-400TH-T	0 ~ 100	20~95%	400	600×700×950	780×1060×1750	2.2	3	
Labonice-500TH-T	0 ~ 100	20~95%	500	680×680×1080	860×1050×1850	2.5	4	
Labonice-800TH-T	0 ~ 100	20~95%	800	1200×490×1360	1385×895×1965	3.0	4	
Labonice-1000TH-T	0 ~ 100	20~95%	1000	1400×510×1400	1615×925×1975	3.5	4	

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