

Heat Treatment Ovens

YJ-626HT



- 4-sided heating inside the chamber, ensuring uniform heating of samples.
- Each side of the heating has a temperature sensor and overheating protection device, ensuring safety.
- Two heating modes. It can be operated in forced convection circulation heating at atmospheric pressure or in vacuum state for radiation heat transfer.
- Equipped with 5 sets of water cooling coils (upper, lower, left, right walls + rear air duct) inside the chamber for rapid cooling.
- Multi-layer rack can be set inside the chamber, allowing multi-layer and multi-group sample placement, highly enhancing processing capacity.
- Centrifugal blower shaft transmission adopts magnetic fluid seal device, providing excellent sealing performance.
- Adopt a rotating lock cylinder + multi-axis floating hinge structure, ensuring the door's sealing performance while reducing the labor intensity of the operator.
- The vacuum exhaust pipeline is equipped with a cold trap and filter, effectively protecting the vacuum pump and extending its service life.
- The cold trap is equipped with a liquid level gauge, allowing observation of the waste liquid amount, facilitating maintenance.
- Multiple cooling pipelines are equipped with flow adjustment and detection, ensuring stable operating conditions of key components such as the vacuum pump and magnetic fluid sealing device.
- The water leak sensor ensures safety in use, preventing greater loss.
- The back panel is equipped with an oversized viewing window, facilitating the observation of various valve actions and various pressure and flow values.
- Pre-installed with 10 temperature sensors inside the chamber, allowing real-time monitoring of sample temperatures.
- Reserved temperature sensor sockets facilitate connection to temperature recording equipment.
- The barcode scanner enables quick identification of samples, process programs, etc., preventing misoperation.

Specifications

Product name	Heat Treatment Ovens YJ-626HT
Temp. control range	Room temp. +40 ~ 250°C
Fluctuation	±1.0°C (at 95°C atmospheric pressure in the chamber, no load)
	±1.0°C (at 95°C vacuum in the chamber, no load)
Deviation	±2.0°C (at 95°C atmospheric pressure in the chamber, no load)
	±3.0°C (at 95°C vacuum in the chamber, no load)
Max. temp. reaching time	<40min (atmospheric pressure in the chamber, no load)
	<50min (vacuum in the chamber, no load)
Operating pressure range	101 ~ 0.1 KPa
Minimum pressure reach time	<20min (with 1800L ~ 2000L /min oil-free vacuum pump)
Oxygen concentration	<100ppm (when N ₂ purity is 99.999%)
Effective internal chamber dimensions	W1350×D1070×H1320mm