

箱型干燥机 Cabinet Dryers

CD系列箱型干燥机适用于所有种类的聚合物材料烘干，并能同时烘干不同的材料，非常适合用于少量、多样性的原料或试模时使用，也可用于电子、电机、电镀、烤漆、印刷相关产品之预热或干燥处理。

CD series of cabinet dryers are mostly used for simultaneous drying of different kinds of polymers in small quantities or for drying materials for trial molding, They can also be applied in electronic engineering, electroplating, pharmacy, paint baking, printing industries, etc, for preheating or drying related products.

■ 本机特点 Features

- ◆采用精密P.I.D电子温度控制，达到均匀的烘干效果。
- ◆高温密封门可保持一致的温度并降低热量损耗。
- ◆不锈钢材质的烤盘及内衬，可防止在烘干过程中污染原料。
- ◆入风口、排风口均可调式设计，可方便调节风量。
- ◆24小时定时装置，操作方便。
- ◆配备超温保护器，可避免超温干燥。
- ◆配备马达过载保护。
- ◆配备警报灯，可立即反应故障。
- ◆干燥温度超出设定偏差值时，自动切断发热丝电源，保护发热丝。

- ◆Accurate P.I.D temperature control to achieve even drying effect.
- ◆Air-proofed insulated door can maintain temperature constantly inside to reduce energy consumption.
- ◆Stainless steel tray and liner bring no contamination to materials.
- ◆Unique design of adjustable air inlet and exhaust.
- ◆24 hours timer. easy to operate.
- ◆Overheat protector can prevent excessive drying.
- ◆Motor overload relay.
- ◆Visible alarm to indicate troubles immediately.
- ◆Power would be automatically cut off when drying temperature exceeds set deviation value to protect thermal fuse.

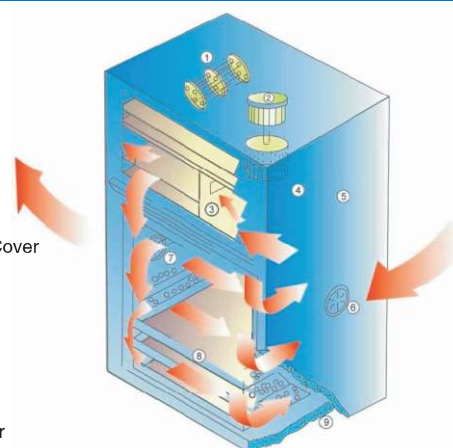


■ 工作原理 Working Principle

箱型干燥机中，有可移动的盘子，将需要烘干的原料放在盘子内，运行时风车迫使空气通过发热丝，再通过均匀风板均匀吹进原料，当原料均匀烘干后，潮湿的空气由排风口从另一面排出。

For cabinet dryers, materials to be dried are placed on the stainless steel made moveable material trays, During operation, process air will flow to heating wire and be heated up to required temperature, then flow through a manifold with evenly scattered holes, Moisture air is sent out through air exhaust port, It is designed to achieve an even drying effect.

1. 发热丝 Heating Wire
2. 马达入风口 Air Inlet Blower
3. 风室 Air Chamber
4. 多翼式风轮 Multi-vane Impeller
5. 烤漆外层钢板 Paint-baked Steel Cover
6. 进风口 Air Inlet
7. 排风口 Air Exhaust
8. 不锈钢烤盘 Stainless Steel Tray
9. 耐高温保温石棉 Heat-resistant Layer



■ 机型规格 Specifications

型号 Model	电热功率 (kw)Heater	马达功率 (kw)Blower	最高干燥温度(°C) Highest Temp.	盘架数 Tray Quantity	装料量(kg) Total Capacity	外部尺寸H*W*D(mm) Outer Dimension	内部尺寸H1*W1*D1 (mm)Inner Dimension	重量 (kg) Net Weight
CD-5	4	0.37	200	5	50	1200*800*610	660*600*550	147
CD-9	4.5	0.37	200	9	90	1440*800*610	900*600*550	178
CD-20	9	1.5	200	20	200	1700*1210*860	1000*990*800	415
CD-20L	18	1.5	200	20	450	1865*1800*1060	1200*1600*1000	550

注：1) 以上装料量是以堆积密度为0.65kg/L，直径为3-5mm塑胶原料颗粒为标准。
2) 机器电压规格为：3Φ，380VAC，50Hz。

Note: 1) Above loading capacity is based on pellet material of 0.65kg/L in bulk density and 3-5mm in diameter.
2) Power: 3Φ, 380VAC, 50Hz.