

YC-500实验室台式喷雾干燥机

YC-500 Laboratory Spray Dryer

1、设备直接放置在实验台或氮气循环系统装置(选配)上,系统采用全自动控制与手动控制双重控制模式,整个实验过程彩色触摸屏动态显示(动画)

The first on-table model: the instrument can be placed on the experiment table, or Pilottech inert loop system YC-501 (optional),featuring small size and easy to operate;

2、进风温度控制:最高200℃, 出风温度:最高140℃

Max air inlet temperature range is 200℃,air outlet temperature range 140℃

3、物料处理量:最高500ml/h,
Capacity: 500ML/H at inlet temperature of 200° c

4、最小进料量:20mL
Min.Sample feeding: 20mL

5、喷雾头为同心喷雾头,雾化时确保没有任何偏心而导致喷到瓶壁一侧,喷雾头长度为350mm,喷雾头安装后可以上下移动,以利于调整雾化位置改善喷雾干燥效果(可选三流体喷雾头,适用更多物料混合需要);

The spray head is a concentric one. It guarantees noeccentricity during atomization that may lead to spraying to the bottle wall.The spray head can move up and down after installed to facilitate the adjustment of the atomization position to improve the spray drying effect.The spray head is made of SUS316L stainless steel (optional) .

6、彩色LCD触摸屏参数显示:进风口温度/出风口温度/蠕动泵转速/风量/通针频率;

As standard a touch screen to display temperature,airflow volume, air pressure,pump speed and de-blocker frequency.

7、喷嘴口径:0.5mm/0.8mm/1.0mm/1.5mm/2.0mm可选,并可根据要求定制;

Standard with 0.8mm jet and other sizes are available as accessories

8、整机全不锈钢制作,二流体喷雾的雾化结构,喷雾、烘干及收集系统采用优质SUS304不锈钢制造(带观察视镜)

Spray chamber, cyclone separator, collector are all made of SUS304 stainless steel. It can work in a non-pollution and stable environment, and sight glass equipped so the whole process can be inspected. All the spare parts are easy to install and clean.



9、整机功率:1.5KW /220V

Power: 1.5KW AC220V

10、设备预留氮气循环接口和真空低温模块接口以
便于后期可选配氮气循环系统以用于有机溶剂物料
的喷雾干燥,选配真空低温模块以用于热敏物料的
低温喷雾干燥。

Vacuum system and inert loop system (optional).

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Mini Spray Dryer YC-500

The world leading R&D
Solution for Spray Drying



Famous brand for spray
dryer in China

15 years continuous
development

Over 3,500 customers
all over the world

Famous