

YC-510真空低温有机溶剂多功能喷雾干燥机

YC-510 Laboratory Spray Dryer

1、整机全不锈钢制作，二流体喷雾的雾化结构；

Two fluid atomizing structure, made of SUS 304 (316 optional) Stainless steel.

2) 设备由台式喷雾干燥机、真空组件和氮气循环系统三个系统模块组成，模块化设计，方便高温喷雾干燥和真空低温喷雾干燥以及有机溶剂喷雾干燥的切换；（真空组件和氮气循环系统均为可选模块）；

Three modules: Benchtop spray dryer, vacuum system and inert loop system.

3、喷雾头为长度350mm的同心喷雾头，雾化时确保没有任何偏心而导致喷到瓶壁一侧，喷雾头安装后可以上下移动（50MM），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 no eccentricity 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. ;

4、额定物料处理量：500mL/H；

Capacity: 500ml/hour

5、最小样品量：20mL（视物料固形物含量差异）；

Min. Sample: 20ml (There is a difference depending on the solid content of the material)

6、实时调控PID恒温控制技术，加热控温精度：±1℃；

To assure accurate temperature control and easy parameter adjusting, YC-510 applies PID. Temp. Precision: ±1℃

7、喷嘴口径：0.5mm、0.8mm、1mm、1.5mm、2mm 可选，并可根据客户要求定制；

Standard with 0.7 mm jet and other sizes are available as accessories

8、干燥后的颗粒粒径：1~25微米；

Particle: 1~25μm



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Mini Spray Dryer YC-510
The world leading R&D solution
for Spray Drying



9、配置真空模块后，在低温（最低50℃）条件下完成瞬间喷雾干燥，干燥后的水分含量低于1%，在这种干燥条件下，易氧化、易挥发、热敏性的物质都能很好保持化学结构及生物活性；配置氮气循环模块后，适用于水溶液和有机溶剂的喷雾

Spray dry at low temperature (inlet temp. 50℃), especially suitable for thermo sensitive material.

10、真空度-0.05~0.08MPa;

Vacuum degree -0.05~0.08MPa

11、彩色LCD触摸屏操作控制，全中文操作界面。

11. Color LCD touch screen operation control, can be set as Chinese and English Operation interface.