

YC-018A实验室有机溶剂喷雾干燥机

YC-018A Inert Loop Spray Dryer





Mini Spray Dryer YC-018A

The world leading R&D solution
for Spray Drying

1、7英寸彩色触摸屏操作控制，全中文操作界面
Color LCD touch screen parameters display and adjustment;

2、物料处理量:3000ml/h~3500ml/h，最小物料处理量100ml
Capacity:3000~3500ML/H at inlet temperature of 200° C, Min.Sample:50~100ml

3、喷雾头为加长型(长度350mm)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，喷雾头安装后位置可以上下移动，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 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、彩色触摸屏参数显示:进风口温度/出风口温度/通针频率/氧气浓度

Color LCD touch screen parameters display and adjustment: inlet temperature/outlet temperature/peristaltic pump speed/air volume/de-blocker frequency;

5、整个系统处于封闭状态，含氧气浓度在线监控，系统内氧气浓度一旦达到2.5%（浓度范围可设定），系统会自动强制性停机并报警。

The whole system is in a closed state with on-line monitoring of oxygen concentration. When system oxygen concentration reaches 2.5%, the system will automatically resort to shutdown and alarm. (Sensors to monitor the device work, the gas, the heating, the pressure and other.)

6、喷嘴口径:0.5mm 0.8mm 1mm 1.5mm 2mm可选,并可根据客户要求定制,适用于各种物料和不同的喷粉粒径要求；

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

7、进风温度控制:60 °C ~280°C,可根据物料的不同进行调整
Air inlet temperature range 60°C to 280°C

8、适时调控PID恒温控制技术,加热控温精度:±1°C

To assure accurate temperature control and easy parameter adjusting, YC-018A applies PID.Temp.Precision:±1°C

9、含制冷机，尾气洁净一瓶40L氮气能使用3-5个小时，氮气循环系统和溶剂在线回收系统，适合乙醚，甲醇，丙酮等有机溶剂物料和水溶液的喷雾干燥，溶剂能在线回收,乙醇回收率90%以上；

Nitrogen containing circulatory system and solvent online recovery system, and can be used to process the samples of aqueous solutions and organic solvents.