试管恒温浓缩氮吹仪简易操作指南

1．恒温加热操作

打开加热装置电源开关，设定加热温度，加热温度应小于溶剂沸点温度 2-3℃。开始加热。

2．氮吹仪操作

安装氮吹仪，转动氮吹仪黑色旋钮，提升氮吹仪，并锁紧。将样品试管放置到样品定位架上，记录样品所放位置。将样品对应位置针头按到底，旋转打开氮吹仪蓝色旋钮打开气阀。

逆时针旋转氮气瓶气阀开启氮气，调节流量计为氮吹仪送气。降低氮吹仪高度，直到针头距离溶液表面 6mm，拧紧锁紧旋钮。连续汽化直至完成。监测汽化，到达所期望的边界点后移走样品。

3．结束操作

汽化完成时，使用干净的吸管，用一两滴溶剂冲洗不锈钢针头。向上滑动氮吹仪，从样品定位架移走样品试管。

关闭气源。

关闭加热装置电源。

Nitrogen blowing instrument operation manual

Heating operation

Turn on the power of the heating device, switch and set the temperature. The set temperature should be 2-3℃ less than the boiling point of the solvent.

1. Sample Concentrator (nitrogen evaporator) operation

Install the nitrogen evaporator, rotate the locking knob, lift the nitrogen blower, and lock it. The sample tube was placed on the sample positioning rack and the position of the sample was recorded. Press the needles at the corresponding position of the sample to the bottom, and rotate the blue knob of the nitrogen evaporator to open the air valve.

Open the nitrogen tank valve and adjust the flow to supply the nitrogen evaporator. Descend the nitrogen evaporator until the needles are 6mm from the surface of the solution and tighten the locking knob. The vaporization is conducted continuously until completion. Vaporization should be monitored and the sample should be removed after reaching the desired boundary point.

2. End of operation

When vaporization is complete, use a clean straw and rinse the needle with one or two drops of solvent. Slide the nitrogen evaporator upward and remove the sample tube from the sample positioning rack.

Turn off the air supply.

Turn off the heating device.