

LeClafine® 深层过滤器 Minicap LeClafine® Depth Filter Minicap

过滤面积:20 cm²

Effective Filtration Area:20 cm²

进出口:鲁尔口

Inlet/Outlet:Luer

最大操作压力:3.5bar (51 psi) @40°C (104°F)

Max. Operation Pressure:3.5bar (51 psi) @40°C (104°F)

最大耐受压差:2.4 bar(35psi)@40°C (104°F)

Max. ΔP:2.4 bar(35psi)@40°C (104°F)

最大蒸汽灭菌温度及次数:121°C (250°F), 1次

Max. Steam sterilization Temp:121°C (250°F), 1 Cycle

壳体:PP / PP+玻纤

Housing:PP / PP+Glass fiber

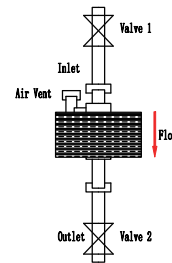
⚠ 警告及安全信息Warning&Safety Information

- 降低污染物暴露风险并打开进出口阀门及释放所有系统压力
Reduce the risk of pollutant exposure. Open the inlet & outlet valves and release all the system pressure
- 安装和使用前, 阅读并遵循操作说明信息。进行安装和操作时使用个人防护
Read all Installation and Operation Instructions before use to avoid injury or loss. Use personal protection during Installation and Operation
- 未按操作指南视为无效
Invalid when Failure to follow the instructions
- 勿用在线蒸汽灭菌
Do not use online steam sterilization
- 一次性使用, 不建议重复使用
Disposable, not recommended for reuse

*使用手册见反面

操作步骤Procedure

- 进口端连接合适的管子 and 蠕动泵, 关闭出口
Connect the inlet with a proper tube and peristaltic pump, close the outlet
- 打开Minicap 排气口 (进口侧鲁尔帽)
Open the air vent of Minicap (Inlet Luer cap)
- 启动蠕动泵, 将纯化水泵入Minicap, 排空Minicap内部空气, 暂停蠕动泵
Start the pump, pump the purified water into the Minicap and exhaust the air inside, pause the pump
- 关闭排气口, 打出口, 启动蠕动泵对Minicap进行初始冲洗 (遵循下文初始冲洗步骤进行)
Close the air vent, open the outlet, start the pump to flush Minicap (Flush Minicap according to the Flushing steps bleed)
- 结束初始冲洗后, 暂停蠕动泵, 进口处换成待过滤料液, 启动蠕动泵, 进行过滤 (通过Minicap过滤介质的流速取决于待过滤料液粘度及杂质类型和比例, 通常流速4-7 mL/min)
After the Flush, pause the pump, the purified water or buffer is replaced into the liquid to be filtered, start the pump(The flow rate is usually 4-7 mL/min, depending on the liquid viscosity, the type and proportion of impurity)
- 过滤结束后, Minicap中会残留部分料液, 可以使用合适的buffer顶洗, 也可使用低压清洁空气回收, 建议空气操作压力0.3-0.5 bar, 最大压力不超过1 bar, 回收时间5-10 min
Some liquid will remain in the filter after the filtration, which can be recovered with proper buffer or low-pressure clean air. The recommended air operating pressure: 0.3-0.5 bar; Max. pressure<1 bar; Recovery time: 5-10 min



初始冲洗Flushing

- Minicap在使用前, 通常使用100 mL纯化水进行冲洗, 建议冲洗流速5-10 mL/min, 最大压力不超过1 bar, 冲洗时间10-20 min
Usually 100 mL of purified water is used for flushing Minicap before use. Recommend flushing flow rate: 5-10 mL/min; Max. inlet pressure < 1 bar; Flushing time: 10-20 min
- 请按照正确流动方向进行冲洗
Flush according to the correct flow direction
- 建议在纯化水冲洗后用buffer(缓冲液)进行冲洗, 操作过程及参数与纯化水相同
It is recommended to flush with buffer after flushing with purified water. The operation process and parameters are the same as those of purified water