

Abstract

DISPOSABLE TANGENTIAL FLOW FILTRATION LINER WITH SENSOR MOUNT

Tangential flow filtration device is provided wherein liners are provided between the filtration element and the top and bottom holders or manifolds. The liners incorporate the flow channels and inlet and outlet ports, as well as a sensor mount. The liners are made of an inexpensive material and therefore are disposable after a single use, making it more cost effective to dispose of them than to clean the conventional manifolds. The sensor mount accommodates a removable sensor, and isolates it from the fluid path.

Fig. 1