

Claims

1. A fluid filtration assembly, comprising:
 - a filter housing having a first end for fluid connection with a fluid storage vessel;
 - a filter cartridge disposable within the filter housing;
 - a pump assembly coupled at a second end of the filter housing, the pump assembly comprising:
 - a pump housing defining first and second hemispheres, the first hemisphere fluidly connected to the filter housing and comprising a port; and
 - a diaphragm fixed in the pump housing between the first and second hemispheres;
 - and
 - a sensor inserted into the first hemisphere of the pump housing via the port.
2. The fluid filtration assembly of claim 1, wherein the port comprises a tri-clover connector.
3. The fluid filtration assembly of claim 2, wherein the sensor is inserted into the port through a plug sized to substantially occlude the port and to place the sensor in contact with a fluid in the pump housing.
4. The fluid filtration assembly of claim 1, wherein the sensor is inserted into the port and bonded to the first hemisphere of the pump housing.
5. The fluid filtration assembly of claim 1, wherein the diaphragm is moveable between first and second positions.
6. The fluid filtration assembly of claim 5, wherein the diaphragm is moved between the first and second positions by a change in a pressure of the second hemisphere,
7. The fluid filtration assembly of claim 5, wherein the diaphragm is moved between the first and second positions by a mechanical actuator.
8. The fluid filtration assembly of claim 1, wherein the first and second hemispheres of the pump housing each comprise radially extending flanges, such that opposing face surfaces of the radially extending flanges contact each other when clamped together.

9. A bioprocessing fluid handling assembly, comprising:
a cylindrical fixture comprising an aperture; and
a sensor disposed within the aperture and secured to the fixture.
10. The bioprocessing fluid handling assembly of claim 9, wherein the sensor is secured to the fixture by bonding.
11. The bioprocessing fluid handling assembly of claim 9, wherein the aperture comprises a tri-clover port, and the sensor is secured to the fixture by a plug inserted within the aperture.