

BUFFER MANAGEMENT SYSTEM WITH MANIFOLD FOR BIOPROCESSING SYSTEM

ABSTRACT

A buffer management system includes at least one workstation configured to support a supply of concentrated buffer solution and an inline dilution skid having a manifold. The manifold is in fluid communication with the supply of concentrated buffer solution and is adapted to be placed in fluid communication with a source of water for injection (WFI). The manifold includes a buffer inlet line in selective fluid communication with the supply of concentrated buffer solution, a WFI inlet line in selective fluid communication with the source of WFI, and a discharge line in fluid communication with both the buffer inlet line and the WFI inlet line. The inline dilution skid is configured to variably mix the supply of concentrated buffer solution and the source of WFI to obtain a range of diluted buffer solutions.

[Figure 1]