

## Fluid Pumping System

### Abstract

The present application relates to a fluid pumping system, comprising: a constant pressure gas source (200); a constant pressure fluid storage container (300); and a fluid refilling module (500), wherein the constant pressure gas source (200) is configured to be in fluid communication with the constant pressure storage container (300) such that a pressurized gas can be supplied from the constant pressure gas source (200) into the constant pressure fluid storage container (300) to drive a fluid within the constant pressure fluid storage container (300) out of a fluid outlet (320) of the constant pressure fluid storage container (300), and the fluid refilling module (500) is configured to be in fluid communication with the constant pressure fluid storage container (300) independent of the constant pressure gas source (200) and the fluid outlet (320) such that a fluid can be selectively supplied into the constant pressure storage container (300) without affecting the fluid being driven by the pressurized gas out of the fluid outlet (320) of the constant pressure fluid storage container (300).

Fig. 2