CLAIMS

1. A device for use in growing, culturing and/or modifying cells, the device comprising a primary container having a base section, a top section arranged substantially in parallel with the base section and a wall element arranged between the top section and the base section and defining an internal lumen of the primary container, in which the wall element of the primary container is compressible with respect to the top and base section, and in which the primary container has at least one optionally sealable inlet, in which the wall element of the primary container is composed of a flexible material; and wherein the device further comprises one or more auxiliary containers external to the primary container and in direct fluid communication with the primary container; wherein the one or more auxiliary containers are located on the top section of the primary container.

2. The device of claim 1, wherein at least one of the one or more auxiliary containers is detachably connected to the primary container.

3. The device of any one of the preceding claims, further comprising one or more auxiliary containers is located at or near the base section of the primary container.

4. The device of any one of claims 1 to 3, wherein at least one of the one or more auxiliary containers comprises a base section, a top section arranged substantially in parallel with the base section and a wall element arranged between the top section and the base section and defining an internal lumen of the auxiliary container, in which the wall element of the auxiliary container is compressible with respect to the top and base section, and in which the container has at least one optionally sealable inlet, in which the wall element of the auxiliary container is composed of a flexible material; and wherein the auxiliary container is configured to be detachably connected to the inlet of the primary container.

5. The device of any one of claims 1 to 4, wherein at least one auxiliary container comprises insulation means configured to maintain the contents of that auxiliary container at a particular temperature.

6. The device of any one of claims 1 to 5, or the auxiliary container of any one of claims 6 to 8, wherein the primary container or the auxiliary container has a valve on opposing sides of the container.

7. The device of claim 6, wherein the valves in the two opposed sides of the container are configured to interact by forming a channel when the container is fully compressed.

8. A kit of parts for assembly into a device according to any one of claims 1 to 7, the kit comprising (i) a primary container having a base section, a top section arranged substantially in parallel with the base section and a wall element arranged between the top section and the base section and defining an internal lumen of the primary container, in which the wall element of the primary container is compressible with respect to the top and base section, and in which the primary container has at least one optionally sealable inlet, in which the wall element of the primary container is composed of a flexible material; and (ii) an auxiliary container for use with the primary container, the auxiliary container configured to be placed in direct fluid communication with the primary container and to be located on the top section of the primary container.

9. A multi-step method of growing, culturing and/or modifying cells within a device according to any one of claims 1 to 7.

10. The method of claim 9, comprising introducing a cell population of interest into the primary container and sequentially adding one or more reagents from one or more auxiliary containers into the primary container in order to effect the desired growth, culturing and/or modification of the cells.

11. The method of claim 9 or claim 10, comprising carrying out a process in one or more of the auxiliary containers, whereby some or all of the cells within the primary container are moved into the requisite auxiliary container and transferred back into the primary container following completion of the process.

12. The method of any one of claims 9 to 11, comprising monitoring the optical density of cells within the primary container and transferring the cells from the primary container to a further container such as a bioreactor once the cells have reached a certain as optical density within the primary container; and culturing the cells within the further container.

13. The method of any one of claims 9 to 12, comprising collecting cells or cell culture product from the primary container or a further container within the device into one or more auxiliary containers; and optionally freezing the collected cells or cell culture product.