

CLAIMS

1. A system for dispensing different fluids, powders, or mixtures thereof comprising:

an apparatus;

5 a controller arranged in data communication with the apparatus, the controller arranged to determine an amount for each of the different fluids, powders, or mixtures thereof to be dispensed separately from the apparatus; and

a sensor arranged to detect amount of the different fluids, powders, or mixtures thereof dispensed from the apparatus, wherein the apparatus is arranged to dispense
10 the different fluids, powders, or mixtures thereof based on an issued instruction from the controller.

2. The system according to claim 1, wherein the controller is arranged in data communication with the apparatus over the internet or the intranet.

3. The system according to claim 1 or 2, wherein the apparatus includes a
15 housing, and wherein the housing has a first connection terminal and a second connection terminal.

4. The system according to any one of the preceding claims, the system further comprising:

a device including the controller and arranged to receive an input from a user,
20 wherein the controller is arranged to determine each amount of the different fluids, powders, or mixtures thereof based on the input.

5. The system according to any one of the preceding claims, wherein each amount of the different fluids, powders, or mixtures thereof is pre-determined.

6. The system according to claim 4, wherein the device includes an output module
25 and is arranged to output data on the different fluids, powders, or mixtures thereof on the output module.

7. The system according to claim 4, wherein the controller is configured to include a database storing authentication data, wherein the server is arranged to authenticate a user based on the authentication data and data sent from the device.
8. The system according to any one of the preceding claims, further comprising:
- 5 a Backend As A Service (BAAS) provider configured to send a push notification to the apparatus provided from the controller, wherein push notification is the issued instruction.
9. The system according to any one of the preceding claims, wherein the apparatus comprises a first module comprising a receiver to configure to receive data
- 10 from the controller.
10. The system according to claim 9, wherein the apparatus comprises a second module comprising an output module configured to output a control signal to determine the amount for each of the different fluids, powders, or mixtures thereof to be dispensed, based on the received data from the first module.
- 15 11. An apparatus for dispensing different fluids, powders, or mixtures thereof, the apparatus comprising:
- a plurality of tubes for passing the different fluids, powders, or mixtures thereof therethrough and arranged to have different dimensions; and
- a dispenser arranged to adjust an amount of the different fluids, powders, or
- 20 mixtures thereof dispensed from the corresponding tube.
12. The apparatus according to claim 11, wherein each of the plurality of tubes has a pre-determined diameter.
13. The apparatus according to claim 11 or 12, further comprising:
- a plurality of nozzles for passing the different fluids, powders, or mixtures
- 25 thereof therethrough and arranged to have different dimensions, wherein each of the plurality of nozzles is disposed at an end of the corresponding tube.

14. The apparatus according to any one of claims 11 to 13, the apparatus further comprising:

a plurality of containers, each of the plurality of containers for containing the corresponding fluid of the different fluids, powders, or mixtures thereof.

5 15. The apparatus according to any one of claims 11 to 14, the apparatus further comprising:

at least one cover, each of the at least one cover arranged to prevent a photosensitive material from being exposed to light, wherein the photosensitive material is in a container of the plurality of containers.

10 16. The apparatus according to any one of claims 11 to 15, the apparatus further comprising:

a weight measurement device arranged to measure weight of the different fluids, powders, or mixtures thereof.

15 17. The apparatus according to any one of claims 11 to 16, the apparatus further comprising:

a cleaning module arranged to clean at least one of the plurality of tubes.

18. The apparatus according to any one of claims 11 to 17, further comprising:

a heating device to heat the different fluids, powders, or mixtures thereof and/or a cooling device to cool the different fluids, powders, or mixtures thereof.

20 19. The apparatus according to any one of claims 11 to 18, the apparatus further comprising:

a mixing device arranged to stir the different fluids, powders, or mixtures thereof, wherein each of the different fluids, powders, or mixtures thereof is provided from the corresponding second tube of the plurality of second tubes.

25 20. The apparatus according to any one of claims 11 to 19, the apparatus further comprising:

at least one indicator configured to indicate a condition of the apparatus.

21. The apparatus according to any one of claims 11 to 20, the apparatus further comprising:

5 a receiver configured to receive at least one control signal used to activate and/or deactivate the apparatus.

22. The apparatus according to any one of claims 11 to 21, the apparatus further comprising:

a detector configured to detect and indicate a pH value for each of the different fluids, powders, or mixtures thereof.

10 23. A method of a system for dispensing different fluids, powders, or mixtures thereof, the method comprising the steps of:

preparing an apparatus; and

15 determining, by a controller arranged in data communication with the apparatus, each amount of the different fluids, powders, or mixtures thereof, the controller disposed separately from the apparatus, wherein the apparatus is arranged to dispense the different fluids, powders, or mixtures thereof based on the data communication with the controller.