

What is claimed is:

1. An operating method of purge devices for containers, comprising the steps of:
providing a purge device;

removing a lid of the purge device by operating a control panel of the purge device;

aligning an opening of a container facing to a first purging unit and placing the container into the bottom of the purge device, the first purging unit is inside the container;

securing the container with a holder and rotating the container;

supplying, with a first pipeline, a purging solution to a first purging unit and a second purging unit to purge the container;

introducing, with a second pipeline, a gas to the first purging unit and the second purging unit and activating at least one first temperature controller and at least one second temperature controller to dry the container;

stopping the rotation of the container; and

reopening the lid and transferring the container from the purge device.

2. The operating method of purge devices for containers as claimed in claim 1, wherein the operating method further comprises a step of determining between the step of providing the purge device and the step of removing the lid of the purge device, wherein the step of determining is:

determining, by a detector of the purge device, the existence of an operator on a stand of the purge device and unlocking the control panel;

3. The operating method of purge devices for containers as claimed in claim 1, wherein the purging solution is water or a mixture of water and a surfactant.

4. The operating method of purge devices for containers as claimed in claim 1, wherein the gas is extreme clean dry air (XCDA) or nitrogen.

5. The operating method of purge devices for containers as claimed in claim 1, wherein the first purging unit comprises at least one first temperature sensor, at least one first purging tube, and the at least one first temperature controller.

6. The operating method of purge devices for containers as claimed in claim 5, wherein the second purging unit comprises at least one second temperature sensor, at least one second purging tube, and the at least one second temperature controller.

7. The operating method of purge devices for containers as claimed in claim 5, wherein the at least one first purging tube are at least one tube for purging solutions and at least one tube for gases, and wherein the purging solution is supplied from the first pipeline to the at least one tube for purging solutions while the gas is introduced from the second pipeline to the at least one tube for gases.

8. The operating method of purge devices for containers as claimed in claim 6, wherein the at least one second purging tube are at least one tube for purging solutions and at least one tube for gases, and wherein the purging solution is supplied from the first pipeline to the at least one tube for purging solutions while the gas is introduced from the second pipeline to the at least one tube for gases.

9. The operating method of purge devices for containers as claimed in claim 1, wherein the holder is a rotary table comprising multiple latches.

10. The operating method of purge devices for containers as claimed in claim 1, wherein the holder is a clamp.