[CLAIMS]

[Claim 1]

A chemical sampling device comprising:

a case in which a container having a cap fastened thereto is accommodated;

a cap attaching/detaching unit configured to selectively separate or fasten the container and the cap inside the case;

a sampling line configured to supply a chemical to the container separated from the cap inside the case;

an end cap member provided to be able to seal an outlet end of the sampling line; and

a moving unit configured to selectively move the end cap member so that the end cap member is located at a first position for sealing the outlet end or a second position for opening the outlet end.

[Claim 2]

The chemical sampling device of claim 1, wherein the end cap member rotates from the first position to the second position.

[Claim 3]

The chemical sampling device of claim 2, wherein the moving unit includes:

a driving portion; and

a rotating member configured to support the end cap member, rotate due to the driving portion, and move the end cap member from the first position to the second position.

[Claim 4]

The chemical sampling device of claim 3, wherein the rotating member horizontally rotates about an axis in a vertical direction and moves the end cap member from the first position to the second position.

[Claim 5]

The chemical sampling device of claim 1, further comprising a holder member configured to support the sampling line,

wherein the outlet end passes through the holder member and is exposed to a lower portion of the holder member, and at the first position, the end cap member is disposed at the lower portion of the holder member to wrap around the outlet end.

[Claim 6]

The chemical sampling device of claim 5, wherein:

an accommodation groove is formed in an upper surface of the end cap member; and

when the end cap member is located at the first position, the outlet end is accommodated in the accommodation groove to be spaced apart from an inner wall surface of the accommodation groove.

[Claim 7]

The chemical sampling device of claim 5, wherein:

a protruding portion is formed to protrude from an upper surface of the end cap member that faces the lower portion of the holder member; and

a recessed portion that corresponds to the protruding portion is formed in the holder member.

[Claim 8]

The chemical sampling device of claim 6, further comprising a detection sensor provided in the accommodation groove and configured to detect a chemical spilling to the accommodation groove.

[Claim 9]

The chemical sampling device of claim 6, further comprising a first lifting/lowering unit configured to selectively lift/lower the holder member, which supports the sampling line, with respect to the end cap member.

[Claim 10]

The chemical sampling device of claim 9, wherein:

the first lifting/lowering unit moves the holder member so that the holder member moves from a lowering position at which the outlet end is disposed in the accommodation groove to a lifting position at which the outlet end is disposed outside the accommodation groove; and

the moving unit moves the end cap member in a state in which the outlet end is disposed at the lifting position.

[Claim 11]

The chemical sampling device of claim 10, wherein the first lifting/lowering unit includes:

a fixing block; and

a lifting/lowering member connected to the holder member and configured to move in an up-down direction with respect to the fixing block.

[Claim 12]

The chemical sampling device of claim 11, further comprising a support block connected to the lifting/lowering member,

wherein the holder member is supported by the support block.

[Claim 13]

The chemical sampling device of claim 10, further comprising a sealing member interposed between the holder member and the end cap member.

[Claim 14]

The chemical sampling device of claim 13, wherein, when the holder member moves to the lowering position, the sealing member is pressed between the holder member and the end cap member.

[Claim 15]

The chemical sampling device of claim 6, further comprising a second lifting/lowering unit configured to selectively lift/lower the moving unit with respect to the holder member supporting the sampling line.

~~[Claim 16]~~

~~A chemical sampling device comprising:~~

~~a sampling line configured to supply a chemical;~~

~~a drain module which has an inlet through which an outlet end of the sampling line enters formed therein and which is configured to collect the chemical discharged from the outlet end; and~~

~~a holder member configured to support the sampling line and selectively seal the inlet.~~

~~[Claim 17]~~

~~The chemical sampling device of claim 16, further comprising a first moving unit configured to selectively move the holder member so that the holder member moves to a first position for sealing the inlet or a second position for opening the inlet.~~

~~[Claim 18]~~

~~A chemical sampling device comprising:~~

~~a case;~~

~~a partition portion configured to divide an inner space of the case into a first space and a second space that are independently sealed;~~

~~a holder module provided to be movable along a predetermined movement path inside the first space and having a container stored therein;~~

~~a sampling line configured to supply a chemical to the container in the first space;~~

~~a first magnetic body disposed in the holder module;~~

~~a second magnetic body provided in the second space so that an attractive force acts between the first magnetic body and the second magnetic body while the partition portion is disposed therebetween; and~~

~~a transfer unit provided in the second space and configured to transfer the second magnetic body.~~

~~[Claim 19]~~

~~A chemical sampling device comprising:~~

~~a case in which a container having a cap fastened thereto is stored;~~

~~a cap opening/closing module configured to separate or fasten the container and the cap; and~~

~~a sampling line configured to fill the container separated from the cap with a chemical,~~

~~wherein the cap opening/closing module includes a holder module configured to fix the container and an attaching/detaching module configured to separate the cap from the container or fasten the cap to the container,~~

~~the container includes a first screw thread while the cap includes a second screw thread coupled to the first screw thread, and~~

~~the attaching/detaching module includes a grip portion configured to grip the cap, a rotating portion configured to rotate the grip portion, a lifting/lowering portion configured to move the grip portion in an up-down direction, and a buffer portion configured to, when the second screw thread is separated from the first screw thread and the cap is lifted, cause the grip portion to be lifted along with the cap.~~