[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.