What Is Claimed Is:

1. A cleaning apparatus for a vacuum exhaust system that exhausts gas, the cleaning apparatus comprising:

a cold trap capable of causing deposits to be formed by cooling gas containing a sublimation component;

at least one first vacuum pump disposed upstream of the cold trap;

at least one first exhaust path connecting the first vacuum pump to the cold trap;

at least one second vacuum pump disposed downstream of the cold trap; and

at least one second exhaust path connecting the second vacuum pump to the cold trap, wherein

at least a part of the first vacuum pump or the first exhaust path is configured to be heated to higher than or equal to a sublimation temperature of the sublimation component,

the cold trap is configured to be cooled to less than or equal to the sublimation temperature of the sublimation component,

wherein the cold trap includes:

a casing having an inlet port and an outlet port;

at least one plate-shaped portion disposed in the casing;

a cooling mechanism configured to cool the plate-shaped portion;

a rotating shaft disposed in the casing; and

at least one scraping portion fixed to the rotating shaft, and

the scraping portion is configured to be rotatable along a plate surface of the plate-shaped portion

2. The cleaning apparatus for a vacuum exhaust system according to claim 1, further comprising:

at least one switching valve disposed in the first exhaust path; and

at least one third exhaust path connecting the switching valve to the second exhaust path.

3. The cleaning apparatus for a vacuum exhaust system according to claim 1, wherein

the cold trap is configured such that, with the plate-shaped portion, which has at least one opening, being provided in plurality, the plurality of plate-shaped portions are layered with the openings positioned in different phases.

4. The cleaning apparatus for a vacuum exhaust system according to any of claims 1 to 3, further comprising:

a branch path disposed in the second exhaust path;

an on-off valve disposed in the branch path; and

a deposit collection container disposed downstream of the on-off valve.

5. The cleaning apparatus for a vacuum exhaust system according to claim 3, further comprising:

a deposit discharge port disposed in the casing of the cold trap;

an on-off valve disposed downstream of the deposit discharge port; and

a deposit collection container disposed downstream of the on-off valve.