

COLLECTION UNIT

ABSTRACT

A collection unit (80) of this invention includes: a collection carrier cartridge (82) formed, at its center, with a through hole (82b3) into which a nozzle for supplying hot water or ATP reagent is inserted including a carrier filling dish (82b), on an outer circumference of the through hole (82b3), to be filled with a collection carrier (90) for collecting floating bacteria in the air and an upper lid (82a) on which the carrier filling dish (82b) is placed, formed with a protrusion to be inserted through the through hole (82b3); an impactor nozzle head (86) which covers a surface of the collection carrier (90) and has a plurality of nozzle holes (87) facing the surface of the collection carrier (90); and a fan (84) which introduces air to the surface of the collection carrier through the nozzle holes (87). A velocity of the air passing through the nozzle holes (87) is 40 m/s to 50 m/s.

Figure 1