SOLID MATERIAL REMAINING AMOUNT MEASUREMENT METHOD, SUBLIMATED GAS SUPPLY METHOD, AND SUBLIMATED GAS SUPPLY SYSTEM

ABSTRACT

Provided is a measuring method capable of suppressing loss of a residual quantity of a solid material inside a solid material vessel when a sublimation gas of the solid material is supplied to a subsequent process. The method comprises: when a buffer tank is refilled with a sublimation gas: a first residual quantity calculation step in which a residual quantity of the solid material is calculated from a consumption amount of the sublimation gas fed from the buffer tank to the subsequent process; a second residual quantity calculation step in which the residual quantity of the solid material is calculated from a mass of the sublimation gas fed from a solid material vessel to the buffer tank; and/or a switching determination step in which a switching timing and an abnormality are determined from the residual quantity of the solid material inside the solid material vessel.

[Fig. 1]