

ABSTRACT

A multi-layer culture vessel operation system capable of easily performing a multi-layer culture vessel handling operation is provided. A multi-layer culture vessel operation system includes: a cart device 20 movable with a multi-layer culture vessel 30 mounted thereon; and an operational device 10 capable of holding and rotating the multi-layer culture vessel 30, wherein the cart device 20 includes: a cart 21 having wheels 22; and a fixing part 23 that is removably mounted on the cart 21, and fixes the multi-layer culture vessel 30 to the cart, wherein the operational device 10 includes: a rotating portion 11 that holds the multi-layer culture vessel 30 and performs a rotation operation of rotating the multi-layer culture vessel 30 around a first rotation axis and/or a second rotation axis; a shaking portion 13 that holds the multi-layer culture vessel 30 and performs a shaking operation of shaking the multi-layer culture vessel 30 in a horizontal direction; and a control portion 15 that causes the shaking portion 13 to perform the shaking operation following the rotation operation by the rotating portion 11, without returning the multi-layer culture vessel 30 to the cart 21.

Figure 3