QUANTITATIVE DISPENSING DEVICE AND QUANTITATIVE DISPENSING METHOD FOR BIOLOGICAL AGENTS

ABSTRACT

The present disclosure discloses a quantitative dispensing device and method for biological agents. The quantitative dispensing device includes a storage container, a dispensing container, a first non-contact sensor, and a second non-contact sensor. The biological agents are stored in the storage container. A liquid inlet of the dispensing container communicates with a liquid outlet of the storage container through a delivery tube. Both the first and second non-contact sensors are arranged on the delivery tube between the liquid inlet of the dispensing container and the liquid outlet of the storage container and are separated by a preset distance. By arranging the first and second non-contact sensors on the delivery tube between the liquid inlet of the dispensing container and the liquid outlet of the storage container, non-contact quantitative dispensing of the biological agents can be achieved, effectively enhancing the dispensing efficiency and accuracy of the biological agents.

Fig. 1