

LOW-TEMPERATURE STORAGE DEVICE FOR AN INTELLIGENT SCIENTIFIC AND TECHNOLOGICAL BIOLOGICAL PRODUCT

ABSTRACT

5 A low-temperature storage device for an intelligent scientific and
technological biological product has a body, a picking machine arm, at least one
extracting machine arm, at least one transfer assembly, and a liquid nitrogen
supply assembly. The body has a carrying chamber, at least one storage zone, and
an object taking port. Each storage zone has a biological product storage room
10 and a connection room. The picking machine arm is disposed in the carrying
chamber and has a motion range reaching each storage zone and the object taking
port. The at least one extracting machine arm is disposed in the connection room
of each storage zone respectively. The at least one transfer assembly is disposed
in the biological product storage room. The liquid nitrogen supply assembly
15 communicates with the biological product storage room of each storage zone and
injects liquid nitrogen into each biological product storage room.

Fig. 1