ABSTRACT

Provided is a glucose monitoring device, including an outer housing, a bottom housing, a monitoring assembly, and a sealing assembly. The outer housing has a first end and a second end opposite to the first end in a first direction. The second end has an engagement opening. The bottom housing is connected to the second end and has an implantation opening. The monitoring assembly includes a first monitoring unit inside the outer housing and a second monitoring unit at the bottom housing. The first monitoring unit includes a sensor. The second monitoring unit includes a signal processing module. The sealing assembly is configured to abut with the outer housing and/or the bottom housing and is located between the first monitoring unit and the second monitoring unit to seal the engagement opening. The sealing assembly is configured to move along a second direction to unseal the engagement opening. The second direction is perpendicular to the first direction. During use, the engagement opening can be unsealed through simply moving the sealing assembly in the second direction, without removing the bottom housing from the outer housing, which simplifies use steps of a product and lowers operational difficulty.

FIG. 1