**Claim**

The ornamental design for a glucometer with a high blood glucose level screen graphical user interface, as shown and described.

**Description**

FIG. 1 is a front plan view of a glucometer with a high blood glucose level screen graphical user interface showing the new design in a first embodiment.

FIG. 2 is a front plan view of the glucometer with a high blood glucose level screen graphical user interface in a second embodiment; and,

FIG. 3 is a front plan view of the glucometer with a high blood glucose level screen graphical user interface in a third embodiment.

The broken lines shown in the drawings represent portions of the glucometer with a high blood glucose level screen graphical user interface that forms no part of the claimed design.

1 Claim, 3 Drawing Sheets
FIG. 1
FIG. 2
FIG. 3