Abstract of the Disclosure

A meter is used in conjunction with a hollow, frustum-shaped disposable device to measure the concentration of an analyte in a sample of a biological fluid. The smaller end of the frustum has a porous membrane, to which a sample of the fluid may be applied. Preferably, a reagent in the membrane reacts with the analyte to cause a color change. The meter has a frustum-shaped distal section that mates with the device. The meter measures the color change and computes from the change the analyte concentration in the sample. The meter and disposable device permit remote dosing of the device, which minimizes the likelihood of cross-contamination between the user and the meter. Devices can be mounted on the meter and released from the meter without touching them, to further protect against contamination.

This Sheet Has Been Replaced

