

A METER FOR USE IN AN IMPROVED METHOD OF REDUCING INTERFERENCES IN AN ELECTROCHEMICAL SENSOR USING TWO DIFFERENT APPLIED POTENTIALS

ABSTRACT

The present invention is directed to an improved meter that utilizes a method of reducing the effects of interfering compounds in the measurement of analytes and more particularly to a method of reducing the effects of interfering compounds in a system wherein the test strip utilizes two or more working electrodes. In the present invention, a meter is described which applies a first potential (E1) to a first working electrode (12) and a second potential (E2), having the same polarity but a greater magnitude than the first potential is applied to a second working electrode (14). The meter then measures the generated current and utilizes a predetermined algorithm to correct the measured current to compensate for the presence of interfering compounds in the sample.

FIGURE 2