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The invention relates to measuring equipment and can be used for automatic measurement of impedance components of liquid products to determine their quality.

The liquid products impedance meter comprises a signal generator (1), connected in series to the first contact of a resistor (2), an admittance converter (6), provided with two output contacts and two inputs, a differential amplifier (7), having one input contact connected to the first contact of the resistor (2), and the second input contact to the second contact of the resistor (2), an electrochemical cell, consisting of two metal plates (3, 4) with an area S, arranged in parallel in a glass vessel (5) for the measured liquid product (11) at a distance L from one another, one of which is connected to the second contact of the resistor (2) and the first input contact of the converter (6), and the other together with the second contact of the generator (1) and the second output contact of the converter (6) – to the common wire, two comparators (8, 9), having their inputs connected, respectively, to the output contact of the amplifier (7) and to a reference point of the converter (6). The meter further comprises a control unit (10) with two outputs, connected to the inputs of the converter (6), and two inputs, connected to the outputs of the comparators (8, 9), a keyboard (12) for controlling the operation mode and a measurement results displaying panel (13), connected to the control unit (10).

Claims: 1
Fig.: 1