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The invention relates to the electromeasuring technics.

The summary of the invention consists in the fact, that the simulator contains two current clamps and two current potential terminals as well a controlled voltage divider. The resistance box with digital control, the third current clamp, the third potential terminal and a microprocessor system of control, treatment and indication of the information are introduced into the device, and the controlled voltage divider is executed as two scaled multivibrators-transfers series connected.