

96-0349

The invention relates to the instrument engineering and may be applied for device manufacture, intended for the test and calibration of the direct current electrical measuring instrument.

The purpose of the invention is the increase of the operative test possibility of the voltage divider error while the instrument is in use and its decrease, as well as the increase of the reliability by means of the high-voltage arm overload protection.

The voltage divider contains a high-voltage arm 1, a low-voltage arm 2 and the capacitance 3. Furthermore, a calibrational resistor 5, three switches 6, 9, 10, aswell the bounding resistors 4 are introduced into it, by that the capacitance 3 is made in the form of a capacitor chain.

The error test of the voltage divider while the instrument is in use is made without application of the high-ohm high-voltage model aids and without breaking down the electrical operation of the instrument.

Claims: 2

Fig.: 1