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To the General Director
LLC "SKB EP"

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Feedback on instrument

Dear Olga Nikolaevna,

In response to your request dated 27.04.2020 No.23831, I hereby answer to the main questions about MIKO-10 produced by LLC "SKB EP", which are operated at the electrical substations of the branch of PJSC "FSK EES" - South Ural PMES.

1. MIKO-10 has been in operation for 2 years, 3 units.
2. It is used for testing and adjusting equipment: hardware clamps, 10kV switches, disconnectors, MKP-110, U-110, U-220, RNDZ-110, RNDZ-220, SONK-12-31.5, ATDCTN-200000/220/110/10-75U1 busbars, VEB-220P-50/2500, VEB-110II-40/2500UHL1, RPDO-2-110/1600UHL1, RPD-2-220/1250UHL1, fuses.
3. The device is convenient and compact.
4. Memory for several dozen measurements, mounting and wire quality, long battery life, fast charging, simplicity, readability of the display, auto measurement.
5. Defect in TVK was identified in the working cooling power unit AT-1, AT-2. With the instrument, it was found that the defect is not in the fuse mountings, but in the fuse itself; the connection of the fusible link is of poor quality, the transition resistance of the connections, the hardware clamps of the high-voltage inputs AT, the contacts VM-10 kV.
6. High reliability, large memory, good wire connection allows for faster and higher quality measurements and, if necessary, for detection of areas with poor contact resistance.
7. We recommend other organizations to use the MIKO-10.

Chief Metrology Specialist



A.V. Irshinsky