

Electrotest-Rm Resistivity System



Features

The low-cost and effective device for carrying out of engineering researches.

*Combined Resistivity **Transmitter** and **Receiver** - all in one small case.*

Micro-processor controlled, the keyboard 4x4, LED ("**9,9,9,9**"), internal flash memory, interface USB

Wide variety of applications whether your application is **groundwater**, environmental, archaeology or resource exploration.

Hydrogeological researches, such as **groundwater** exploration, migration of ground **water** pollution.

Generation and receiving of signals 0 Hz

Any types of electrodes

Internal charger

Internal battery

Operating temperature: -20°C to +55°C, (waterproof)

"Electrotest-Rm" specifications

Output Power: up to 24 W

Output Current: 0,5...200mA

Maximum Output Voltage (transmitter): up to 250 V

Input Impedance: 10 MΩ

Input Voltage Range: up to 15 V

Input Resolution: 10 μV

Dynamic Range: 90 dB

Range of definition of parameter **q**, the kOhm within the limits of 0,001- 99,9

SP Compensation: 0 to 1 V, automatic

Overall Accuracy: +/- 2,0 %

Noise Rejection: 82 db

Mode of automatic measurement with the time interval -10s

Environmental: IP67 environmental protection (waterproof)

Micro-processor controlled, the indicator (LED): «**9,9,9,9**»

Memory Capacity: 2048 readings

The keyboard 4x4

Interface: USB

Internal charger

Power Supply: Internal rechargeable batteries (=12V)

Connection of the external battery

Operating Temperature: -20°C to +55°C

Dimensions: 216x180x102 mm

Weight: ≈ 2,3 kG (with the internal battery)

All geophysical equipment is widely and effectively applied in engineering researches.

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