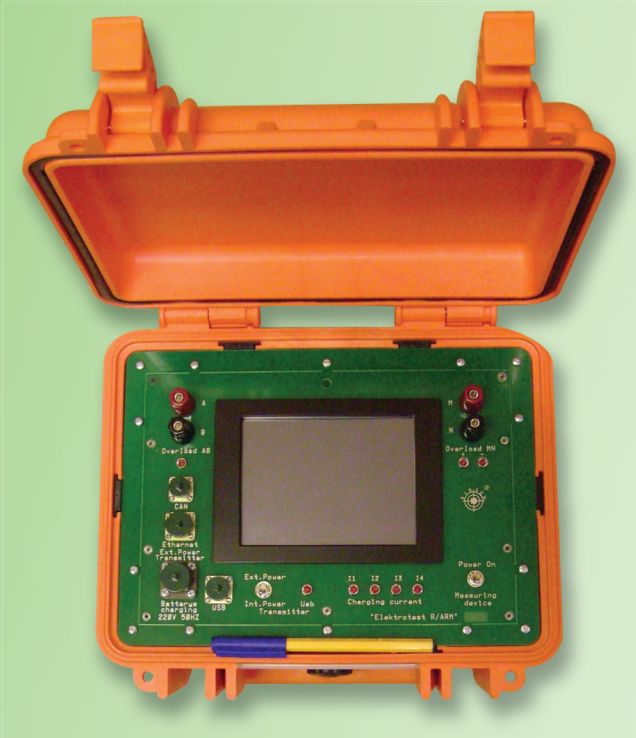


Electrotest-S/ARM Resistivity System



Features

The low-cost and effective device for carrying out of engineering researches. Combined Resistivity **Transmitter** and **Receiver** - all in one case.

Micro-processor controlled and TFT LCD 640x480/5.6"/ touch screen, interfaces: Ethernet, USB, CAN, external switchboards for "AB" and "MN" on 8, 16, 32, 64 channels.

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.

Successful use of the **Electrotest-S/ARM** in complex conditions of city. Generation and receiving of signals from 0 Hz up to 20 Hz. *Any types of electrodes.*

Internal charger.

Internal battery.

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

"Electrotest-S/ARM" specifications

Output Power: up to 50 W

Output Current: 0,5...250mA

Maximum Output Voltage (**transmitter**): up to 450 V

Input Impedance: 10 MΩ

Input Voltage Range: up to 10 V

Input Resolution: 10 μV

Dynamic Range: 84 dB

Frequencies of measurement: 0; 0.625; 1.25; 2.5; 5.0; 10.0; 20.0 Hz;

Range of definition of parameter **q**, the Ohm within the limits of $5 \cdot 10^{-3} \div 3.86 \cdot 10^3$

SP Compensation: 0 to 1 V, automatic

Stacking of a signals

Overall Accuracy: +/- 1...1,5 %

Environmental: IP67 environmental protection (waterproof)

The microprocessor: ARM7(9) (16/32 bit),512 Flash, CD Card

Interface: Ethernet, USB, CAN

The module with GPS as an option

Operating Temperature: -20°C to +55°C

Power Supply: Rechargeable batteries (=12V)

Connection of the external battery

Dimensions: 305x270x194 mm

Weight: ≈ 5 kG (with the internal battery)

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



NTK "DIOGEN"

www.ntkdiogen.ru

E-mail: diogen@mail.cnt.ru

Tel.: +7 495 629-94-69, +7 916 438-02-19

Fax: +7 495 629-94-69