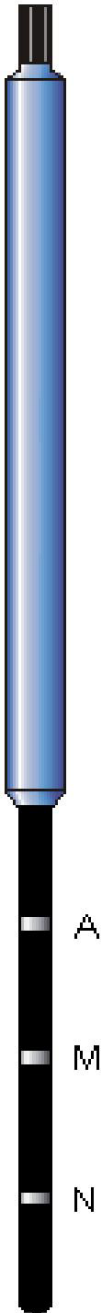


Ore wells logging Coal and water wells logging

KSP-43 DOWNHOLE ELECTRIC LOGGING TOOL



Designed for measuring apparent electrical resistivity (ρ_a) with simultaneous and forced switching of the sondes configuration (normal sonde-lateral sonde), as well as the spontaneous potential (SP) of rocks.

The electrical resistivity is measured by the method of excitation of the medium by an alternating electric field by AB electrodes and by measuring the voltage drop across the electrodes MN. SP measurement is performed when the external electric field is turned off.

The downhole tool is to be run with VULCAN V3 log recorder or similar.

The tool operates with one-core (SP record restriction) or three-core logging cable.

The dimensions of the sonde are made upon request.

ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ

Sonde spacing: - normal sonde - lateral sonde	N 1,0 M 0,1 A A 1,0 M 0,1 N
ρ_a measurement range, Ohm·m	1-5000
SP measurement range, mV	± 1000
Measurement main relative error, %	5
Downhole tool supply voltage, V	40-50
Rated supply current, mA	120
Output code	Manchester-2
Maximum operating temperature, °C	80
Maximum hydrostatic pressure, MPa	20
Diameter, mm	43
Length, without sonde, mm	900
Length with sonde, mm	3000
Weight, kg	10