

Ore wells logging Coal and water wells logging

## KSP-GK-43 INTEGRATED DOWNHOLE TOOL FOR ELECTRIC AND GAMMA-RAY LOGGING



Designed for simultaneous measurement of apparent electrical resistance ( $\rho_a$ ) with switching the configuration of the sondes (lateral sonde-normal sonde) with simultaneous and forced switching of the sondes configuration, as well as spontaneous potential (SP) and exposure dose rate (EDR) of gamma radiation in uranium deposits wells. At the request of the customer, it can be equipped with a magnetometric inclinometer module (modification KSP-GK-43I).

The tool is used in accordance with the «Instruction for gamma-ray logging in the search and exploration of uranium deposits» / Comp. THEM. Khaikovich, L.V. Zernov, E.V. Uvarov and others - M.: Ministry of Geology of the USSR, 1987.

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

Operates with one-core (SP record restriction) or three-core logging cable.

The dimensions of the sonde are made upon request.

### SPECIFICATIONS

EDR measurement range, $\mu\text{R/h}$	5-10000
SP measurement range, mV	$\pm 1000$
$\rho_a$ measurement range, Ohm-m	1-5000
Measurement main relative error, %	5
Conversion factor	115 $\pm$ 3
Type and size of EDR measurement detector, mm	NaI(Tl), 30x70
Downhole tool supply voltage, V	40-50
Rated supply current, mA	120
Output code	Manchester-2
Maximum operating temperature, $^{\circ}\text{C}$	80
Maximum hydrostatic pressure, MPa	20
Diameter, mm	48-52
Length, mm	3000
Weight, up to	15