

Ore wells logging Coal and water wells logging

## GGKM-43 DOWNHOLE GR AND DENSITY LOGGING TOOL



Designed to measure the exposure dose rate (EDR) of natural gamma radiation and volumetric density in 4π geometry when conducting research in wells using a combination of gamma-ray logging (GR) and gamma-gamma density logging (DEN) methods for ores and coal deposits.

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

Operates with one-core or three-core logging cable.

### SPECIFICATIONS

EDR measurement range, $\mu\text{R} / \text{h}$	5-500
The limit of permissible basic relative error of EDR measurements, %	10
Range of measurement of bulk density, $\text{g}/\text{cm}^3$	1,5-3
The main relative error in the measurement of bulk density, %	10
Cs-137 gamma radiation source (recommended)	IGI-Tz-3-10
Tool power (voltage stabilization), V	50-60
Output code	Pulse train
Maximum operating temperature, $^{\circ}\text{C}$	-10...+80
Maximum hydrostatic pressure, MPa	20
Diameter, mm	43
Length, mm	2500
Weight, kg	12