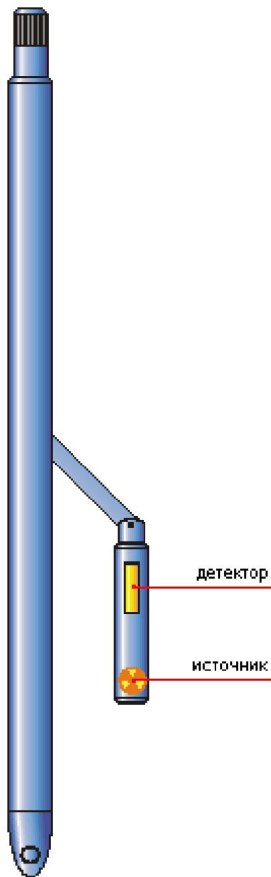


Ore wells logging Coal and water wells logging

RK-43 BOREHOLE X-RAY RADIOMETRIC LOGGING TOOL



Designed to measure full spectra of characteristic X-ray radiation of atoms of elements that make up the rocks and ores during the logging of ore, coal, hydrogeological and special wells. The tool provides quantitative determination of chemical element contents in formations intersected by wells.

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

Operates with one-core (optional) or three-core logging cable.

SPECIFICATIONS

Number of measuring channels	256
Тип детектора	proportional counter SI-12 or semiconductor detector SCD
Energy resolution on the line 5.9 keV, no more,% (for SI-12 / CCD)	20/5
X-ray measurement range, keV	3-40
Type of gamma radiation source Cd-109	IRIK-D
Downhole tool supply voltage (constant), V	50-60
Current consumption of the tool, mA	100
Output code	Manchester-2
Maximum operating temperature, °C	80
Maximum hydrostatic pressure, MPa	20
Diameter, mm	43
Length, mm	2000
Length, mm	8