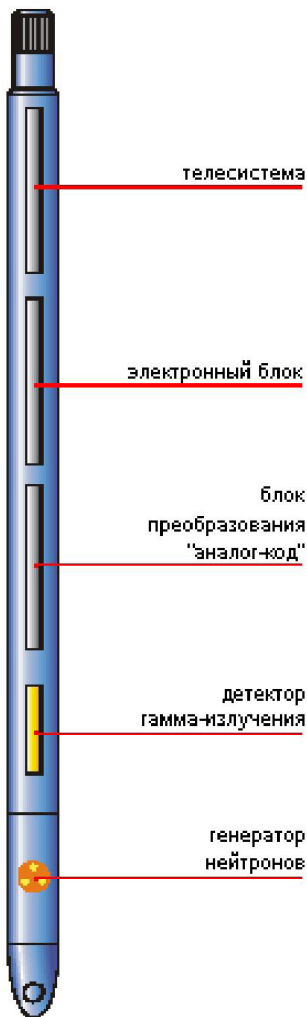


Ore wells logging Coal and water wells logging Cased hole

INGK-S-43 DIGITAL DOWNHOLE TOOL FOR SPECTROMETRIC PULSED NEUTRON GAMMA-RAY LOGGING



Designed to determine the elemental composition of rocks in ore wells by measuring the full gamma radiation spectra of radiation capture of elements, which are part of rocks and ores, when they are irradiated with fast neutrons using a pulsed neutron generator.

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

Operates with three-core logging cable.

SPECIFICATIONS

The number of measuring energy channels	256
Energy range of radiation measurement, MeV	0,2-10
Downhole tool supply voltage (constant), V	150
Power consumption of the device, W, no more	50
Output code	Манчестер-2
Type of pulsed neutron generator	ING-10-20-120, ING-08
Supply voltage of a pulsed neutron generator, V	150
Pulsed neutron generator current consumption, mA	300
Maximum operating temperature, °C	80
Maximum hydrostatic pressure, MPa	20
Diameter, mm	43
Length, mm	3000
Weight, kg	25