

Ore wells logging Coal and water wells logging

IK-42K DIGITAL BOREHOLE INDUCTION LOGGING TOOL



The single-sonde borehole induction logging tool is designed to measure the apparent specific electrical conductivity (ρ_a) of rocks in ore wells.

At the customer's request, it is possible to produce the tool in acid-resistant design, as well as with an electrode for monoelectrode electrical logging (IK-42KT).

The downhole tool is to be run with VULCAN V3 log recorder. Operates with one-core or three-core logging cable.

SPECIFICATIONS

Measurement range of specific electrical conductivity, mSm/ m	10-2000
The main relative error in measuring the electrical conductivity, %	$\pm[5,0+0,1 (2000/ \text{meas.-1})]$
Zero temperature drift, mS / m by 1	± 1
Sonde length, mm	500
Rated supply current, mA	60 \pm 10
Maximum operating temperature, °C	80
Maximum hydrostatic pressure, MPa	15-35
Diameter, mm	42-52
Length, mm	1700
Weight, kg	7