



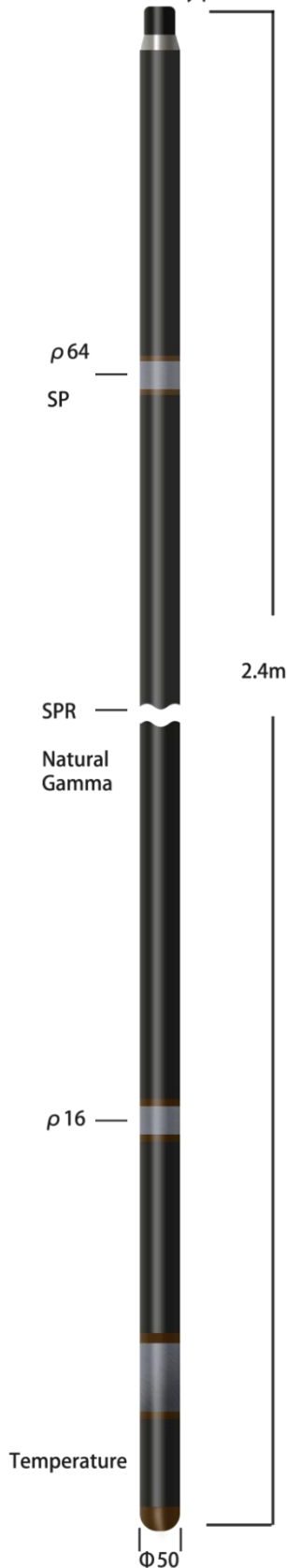
重庆格纳迪机电设备有限公司

CHONGQING GOLD MECHANICAL & ELECTRICAL EQUIPMENT CO.,LTD

Contact: Vivienne Email: gold04@hy-industry.com Skype: vivienneqc Tel/wechat/whatsapp: 008615123029803

1F Technical Building, Longxin Industry Park, Baihe Rd, Nan'an District, Chongqing, China

JDX-3Dr Natural Gamma & Resistivity probe



JDX-3Dr Natural Gamma & Electrical Resistivity Probe

Description

The Natural Gamma & Electrical Resistivity Probe measures natural gamma, 16" Normal & 64" Normal Resistivity, Spontaneous Potential (SP), Single Point Resistance (SPR), Temperature. Users can log resistivity profiles with different depths of investigation and gain information about permeability, porosity, water quality and geological formation properties.

Operating Conditions: Uncased; Borehole Fluid: Water or Mud.

Features & Benefits

- 1、The probe will digitize the measured information of the stratum and transmit it to the surface to avoid the effect of the cable on the measurement data.
- 2、Constant power, adaptive measurement, no manual operation.

Applications

Facies changes; Quantitative geological formation properties

Identification of hydrostratigraphic units

Aquifer thickness; Water quality

Identification of hydrocarbon intervals

Detection of ore body zones; Bed boundary analysis

Parameter

1. Instrument Power Supply: DC200V±20%, Electricity≤40mA
2. Electrode Array: AM 16" ;AM 64"
3. Natural Gamma Sensor: NaI Crystal
4. Temperature Sensor:: Platinum Resistance (pt100)



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5. Measuring Range:

resistivity: 1 ~ 4000Ωm (customize 10000Ωm)

Spontaneous Potential (SP): ±1200mV

Natural Gamma: 0 ~ 32768cps

Temperature Range: 0°C ~ 100°C, Resolution: 0.025°C

6. Measurement Accuracy: 2% (10 ~ 4000Ωm) or ±1Ωm

7. Environmental: Temperature ≤ 80°C; Pressure ≤ 20MPa

8. Signal: Bipolar Codes