



重庆格纳迪机电设备有限公司

CHONGQING GOLD MECHANICAL & ELECTRICAL EQUIPMENT CO.,LTD

1F Technical Central Building, Bai He Industrial Park, Eco & Tech Dep Zone, Nan'an District, Chongqing

Contact: Vivienne Email: gold04@hy-industry.com Skype: viviennecq Tel/whatsapp/wechat:0086-15123029803

JDX-2Dr Electrical Resistivity & Natural Gamma Probe



JDX-2Dr Natural Gamma & Electrical Resistivity probe

Description

The Electrical Resistivity probe measures natural gamma, gradient resistivity, normal resistivity and spontaneous potential (SP) simultaneously. 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: N 0.6 M2 1.3 M1 0.3 A
3. Natural gamma sensor: NaI Crystal
4. Measuring range:
Apparent resistivity: 1~4000Ωm
(customize 10000Ωm)



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	<p>Spontaneous potential (SP) : $\pm 1200\text{mV}$</p> <p>Natural gamma: $0 \sim 32768\text{cps}$</p> <p>5. Measurement accuracy: 2% ($10 \sim 4000\Omega\text{m}$) or $\pm 1\Omega\text{m}$</p> <p>6. Environmental: Temperature $\leq 80^\circ\text{C}$; Pressure $\leq 20\text{MPa}$</p>
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