



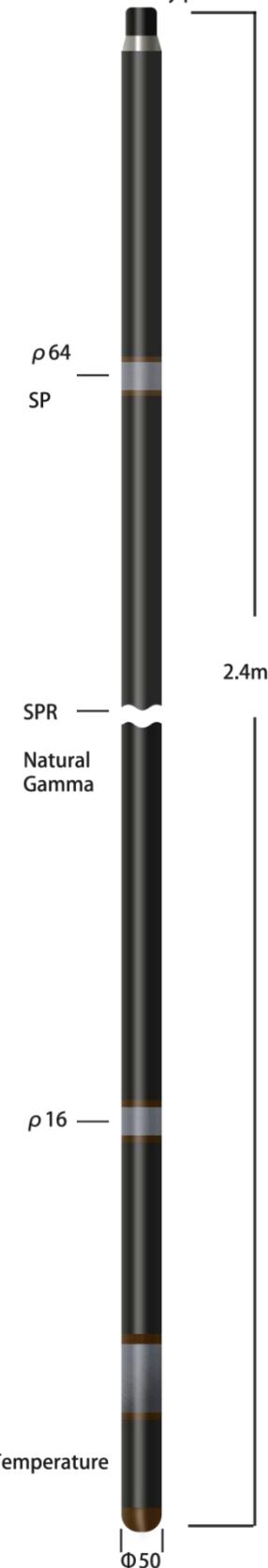
# 重庆格纳迪机电设备有限公司

CHONGQING GOLD MECHANICAL & ELECTRICAL EQUIPMENT CO.,LTD

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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