

Dual Frequency Induced Polarization Instrument



Receiver



Transmitter

Product Overview :

SQ-5 Dual Frequency Induced Polarization Instrument all is based on China's first " **Dual Frequency Induced Polarization method** " to develop a kind of frequency domain induced polarization instrument . The instrument sends and receives two different frequency step wave signals at the same time, and the apparent amplitude frequency and apparent resistivity parameters of the two frequencies are obtained by calculating, so as to reflect the distribution of the detection target . The instrument is widely used in the exploration of non-ferrous metal mineral resources in the shallow and central regions, water resources exploration, engineering geophysical exploration and other fields.

Feature :

- (1) Sending power : 800V/4A
- (2) Working frequency : Frequency group 0 (1Hz、 1/13Hz),
Frequency group 1 (2Hz、 2/13Hz),
Frequency group 2 (4Hz、 4/13Hz),
Frequency group 3 (8Hz、 8/13Hz).
- (3) GPS
- (4) Portability.

Large Depth Dual Frequency Induced Polarization Instrument

Product Overview :

DQ-1000 Large Depth Dual Frequency Induced Polarization Instrument all is based on China's first " **Dual Frequency Induced Polarization method** " to develop a kind of frequency domain induced polarization instrument .The instrument sends and receives two different frequency step wave signals at the same time, and the apparent amplitude frequency and apparent resistivity parameters of the two frequencies are obtained by calculating, so as to reflect the distribution of the detection target . The instrument is widely used in the exploration of non-ferrous metal mineral resources in the shallow and central regions, water resources exploration, engineering geophysical exploration and other fields.



Feature :

- (1) Sending power : 1000V/20A
- (2) Working frequency: Frequency group 0 (1Hz、 1/13Hz),
Frequency group 1 (2Hz、 2/13Hz),
Frequency group 2 (4Hz、 4/13Hz).
- (3) GPS
- (4) Digital chopper decouple.
- (5) High power, portability, high SNR.

Mine Intrinsically Safe Dual Frequency Induced Polarization Instrument

Product Overview :

YSH85V(A) Mine Intrinsically Safe Dual Frequency Induced Polarization Instrument all is based on China's first " **Dual Frequency Induced Polarization method** " to develop a kind of frequency domain induced polarization instrument .The instrument is mainly used for detecting local abnormal geological targets such as hidden ore bodies, cavities and water-carrying structures in underground mines.



Feature :

- (1) Sending power : 800V/4A
- (2) Working frequency : Frequency group 0 (1Hz、 1/13Hz),
Frequency group 1 (2Hz、 2/13Hz),
Frequency group 2 (4Hz、 4/13Hz),
Frequency group 3 (8Hz、 8/13Hz),
Frequency group 4 (120Hz),
Frequency group 5 (400Hz).
- (3) Overcurrent protection : 35mA
- (4) Multistage short circuit, overcurrent, overvoltage software, hardware protection.
- (5) Compliant with intrinsic safety standards.