

SL-6 Undergroud pipeline amperemetry detector



Recommend: identify and locate weaknesses in pipeline coatings

【characteristic】

- 1、Adopt imported switch, intelligent charging
- 2、Instrument voltage、output current signal can automatically convert.
- 3、Automatic exchange for DC power and AC power supply
- 4、High anti interference circuit.
- 5、digital display, high-precision;
- 6、Automatic regulation.
- 7、Modular structure , Three-proofing design , long service life and reliability.

【the key technical indexes】

(一) Transmitter technology index:

1. Transmit power: 0-25W, adjustable
2. Impedance: 0-100 Ω
3. Transmission Distance: 50m-5Km 5Km can progressively move to the outside
4. Power supply: 12V (NiMH battery pack)
5. Weight: 2.8Kg (without battery weight)

(二) probe technical indicators:

1. Sensitivity: 0.1mV
2. To position deviation: $\leq 10\text{cm}$
3. Detection depth: $\leq 5\text{m}$
4. Power supply: 9.6V NiMH battery pack
5. Weight: 1.1Kg (with battery)
6. Dimensions (mm): $165 \times 155 \times 68$

(三) Leak technical indicators:

1. Sensitivity: 0.1mV
2. Leak detection accuracy: $\geq 0.25\text{mm}^2$

Address: #159 TanGangLu HaiAn JiangSu China
Phone: 0513-88931553

Zip Code: 226600
Fax: 0513-88931551

3. Power supply: 9.6V NiMH battery pack
4. Weight: 1.1Kg (with battery)
5. Size (mm): 165×155×68

【Accessories】

explore pole、battery、detection line、outlet line、ground wire、ground rod、rasp、magnet、220V power line、fuse 2A、charger。

【Test principle and method】

Detecting the direction and depth of buried principles and methods: send a specific high-frequency modulation signal to determine the location of underground pipes underground pipeline, the direction and depth of the magnetic field detecting underground pipes.

Underground pipes to send a specific high-frequency modulation signal, in the underground pipeline coating damage point and the earth form a loop, radiation to the ground, just above the radiation damage in the strongest signal, according to this principle to identify the failure point of pipeline coatings .

A "body capacitance method", is to use the body to do the leak detector sensing element, when the leak members walked around the leak, the leak detector audible prompt when the leak came just above, the speakers sound best ring, showing the value of the maximum, so find the exact point of leakage loss.