



D1 series Holliday detector

discovery



板式探刷

【功能应用】

Holliday Detector

D1 series Holliday detector is used to detect oil and gas pipelines, cables, enamel, metal tanks, the hull construction quality of the metal surface coating and micro porous aging corrosion points, a dedicated testing equipment of the air gap is a universal version of the Holliday detector.

For newly constructed tanks, pipelines and other installations, where corrosion prevention coatings have had to be applied, specifications will normally call for a specific coating to a specific thickness. With corrosion an extremely costly and disruptive worldwide problem,



preventative determination becomes essential.

[Features]

- 1, low power consumption, small size, light weight;
- 2, simple operation, intuitive and convenient;
- 3, the Dial pointer header indicates the output voltage and supply voltage;

Specification:

Model	D1-A	D1-B	D1-C
Detect range	0.03-3.5mm Coal tar epoxy (medium)	3.5-10.mm Petroleum asphalt (medium)	0.03mm~10mm Petroleum asphalt, Coal tar epoxy
Output voltage	0.5-15KV	15-35KV	0.5KV~35KV
DC power supply	12V		
Display screen	Dial		
the high-voltage control system:	ordinary potentiometer adjustment		
Power consumption:	<5w		
the alarm delay	1-2 seconds		
the high-pressure gun:	Microelectronics high-voltage generator		
Weight	1.5kg with Battery		
Dimensions	165mm×155mm×68mm	165mm×155mm×68mm	165mm×155mm×68mm
Packaging:	metal box	metal box	metal box

[Other accessories]

Charger, high voltage gloves, long cable, short cable to connect the magnet, the plate probe brush, grounding rods, documents

[Testing principles and methods]

Leak detection principle: metal surface insulating coating is too thin, iron leakage and leakage porous at the resistance value and density of the air gap is very small, when there are high-voltage spark discharge after the formation of air gap breakdown, to the alarm circuit to generate a pulse signal alarm audible and visual alarm, according to this principle of the coating leak detection purposes.