

MTH-7D

Professional manufacturer, best quality with competitive price ●
 Recommended by the world UT NDT inspection association for training and examination ●
 Core technology with independent intellectual property rights, certificate of CE, GOST and etc.. ●

Digital DC spark leak detector



Overview

MTH-7D digital DC spark leak detector , based on the principle of high pressure pulse conducting through anti-corrosion layer , can quickly detect the crack leakage of the coating. While using, if there is pinhole、 bubble and crackle in the layer ,theinstrument will make a bright spark and accompanied by a warning tone.The operation is extremely simple , and It's powered by the unique design relies on the large capacity battery packs that no longer rely on 220V power supply.It is suitable for engineering site operations. The performance of the product is stable and reliable, thus widely used in Oil and Gas pipelines、 Cable、 Enamel、 Metal Casting Pipe、 Hull and other metal surface corrosion insulation construction quality and aging corrosion monitoring , it is also the necessary testing equipment in chemical, oil, rubber industry.

Technical parameters

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Applicable scope

Output voltage

DC power supply

The power of the instrument

Host size

Technical Indicators

0.05~10mm

0.2kv~30kv (±5%)

12V

about 6w

220*130*88mm

Features

- Applicable to different thickness of the glass lining, glass steel, epoxy coal tar pitch and rubber lining and other coating quality testing ;
- Battery powered , applicable to field engineering site operation ;
- LCD display , can directly display the output of high pressure (KV) ;
- The output voltage of the pulse voltage can be adjusted directly by turning the knob , easy and convenient to meet the needs of different anti-corrosion testing ;
- Two different probes applied to different detection environment ;
- Low power consumption , small volume , light weight , simple operation , easy to use.

Working Principle

A certain pulse voltage is applied by applying a Anti-corrosive coating to the conductor, if the coating is too thin or there is some metal leakage body、leaky pinhole , pulse high voltage, it will break through the air gap to discharge spark , at the same time ,the alarm will receive the pulse signal , and send out sound and light alarm , and then achieve the purpose of coating detection.

Instrument configuration

No.	Type	Quantity	Remarks
1	Instrument host	1	
2	High Voltage Probes	1	
3	Brush probe	2	
4	User's manual	1	
5	Certificate of Conformity	1	
6	Charger	1	
7	Headset	1	
8	Ground line	1	
9	Fuse	2	
10	Cable	1	
11	Instrument case	1	

