

N86 Porosity Holiday detector



Details:

【Functions】

N86 Porosity Holiday detector is a special testing equipment used to detect oil and gas pipelines, cables, enamel, metal tank, hull and other protective coatings flaws. It is a professional and practical equipment.

【Applications】:

- 1、 oil and gas Anticorrosive factory, pipelining company, construction departments and qualitative inspect branch.
- 2、 also use to gas company and water company pipeline inspecting
- 3、 Shipbuilding, petrochemical plant, factory, machinery plant, enamel factory and bridge engineering anticorrosion-layer inspecting.
- 4、 Pipeline transportation company anticorrosion-layer inspecting

【Characteristic】

- 1、 Microelectronic integrated high voltage generator, to overcome the electrostatic.
- 2、 Full keyboard operation, Improve performance;
- 3、 pinhole automatic counting;
- 4、 High voltage output can Continuous adjustment, auto-save the high voltage value
- 5、 display the The actual test voltage, Ensure the safety of the coating
- 6、 three different the poles to adapt different test
- 7、 when under voltage, automatic shutdown;
- 8、 intelligent charging;
- 9、 Modular structure, Three-proofing design, long service life and reliability.

【Main technical index】

- 1、 Measuring range: **A:** 0.03-3.5mm
B: 3.5-10. mm
C: 0.03-10. mm

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- 2、 Output high voltage: **A:** 0.5-15KV
B: 15-35KV
C: 0.5-35KV
3. Display: three-digit digital LCD high-definition digital display, display accuracy decimal
4. voltage display accuracy $\leq 2\%$, display resolution 100V
5. high-voltage control system: full digital control, performance Stability
6. DC power supply: 12V, 4,000 MA nimh battery lasts more than 12 hours
7. power consumption: $< 5w$
8. alarm mode: Earphone, buzzer double alarm, sound and Light Alarm
9. shutdown mode: manual shutdown, automatic shutdown, battery under-voltage automatic shutdown
10. high-voltage gun: original import high-voltage generator
11. detection of leaks, automatic memory storage, leak count 1 ~ 999
12. packing: ABS Engineering Plastic Box, three-proof design
13. host size: 165mm \times 155mm \times 68mm
14. host weight: 1.5 kg with battery, portable

【Accessories】

- | | |
|--------------------------|----|
| 1. Host | x1 |
| 2. High voltage probe | x1 |
| 3. Headphones | x1 |
| 4. Brush plate | x1 |
| 5. Fan-shaped brush | x1 |
| 6. Charge | x1 |
| 7. Long cable | x1 |
| 8. Short connecting line | x1 |
| 9. Connecting magnet | x1 |
| 10. earth stick | x1 |

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| 11. Rubber gloves | x2 |
| 12. Manual | x1 |

【Principle】

The detector generates a high DC voltage that is applied to the coating surface through a probe. The detector is connected to the substrate via the high voltage returned. When the probe is passed over a coating flaw, then the electrical circuit is completed and current flows from the probe to the substrate. As a result, audible and visual alarms are activated in the detector and a spark may be produced at the flaw.

【Note】

Standard configuration: The brush plate

Optional configuration: The fan-shaped brush, The inner circular brush, the exterior circular brush



The brush plate



The fan-shaped brush



The inner circular brush



The exterior circular brush