

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