

N68 Porosity Holiday Detector



Details:

【Function】

N68 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.

【Characteristic】

- 1、Low power consumption, small size, light weight.
- 2、Microelectronic integrated high voltage generator, to overcome the electrostatic;
- 3、digital display, high-precision;
- 4、Automatic exchange for High voltage and source voltage;
- 5、intelligent charging;
- 6、Adopt imported microswitch, action is sensitive and reliable and with good stability;
- 7、Power on self test function;
- 8、Anti static, High voltage Protection;
- 9、Automatic regulation;
- 10、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
- 2、Output high voltage: A: 0.5-15KV
B: 15-35KV
C: 0.5-35KV

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- 3、Display: digital display
- 4、High voltage control system: digital governor
- 5、DC supply: 12v
- 6、Consumption: <5w
- 7、Alarm delay: 1-2 秒
- 8、High voltage probe: high pressure generator (import)
- 9、Packing: Aluminum box
- 10、Main dimension: 165mm×155mm×68mm
- 11、Weight: 1.5kg (Including battery)

【Accessories】

- | | |
|-------------------------|----|
| 1.Host | x1 |
| 2.High voltage probe | x1 |
| 3.Brush plate | x1 |
| 4.Charge | x1 |
| 5.Long cable | x1 |
| 6.Short connecting line | x1 |
| 7.Connecting magnet | x1 |
| 8.earth stick | x1 |
| 9.Rubber gloves | x2 |
| 10.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