

## SL-III Porosity Holiday Detector



### Details:

#### 【Function】

SL-III 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 simple and practical equipment.

#### 【Characteristic】

- 1、Low power consumption, small size, light weight;
- 2、Simple operation;

#### 【Main technical index】

- 1、Measuring range: A: 0.03-3.5mm  
B: 3.5-10. mm
- 2、Output high voltage: A: 0.5-15KV  
B: 15-36KV
- 3、Display: pointer
- 4、High voltage control system: Ordinary potentiometer adjustment
- 5、DC supply: 12v
- 6、Consumption: <5w
- 7、Alarm delay: 1-2s
- 8、High voltage probe: Electronic high voltage generator
- 9、Packing: metal chest
- 10、Main dimension: 165mm×155mm×68mm
- 11、Weight: 1.5kg (Including battery)

#### 【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

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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.

**【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 |

**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