

## SL-86 Porosity Holiday Detector



### Details:

#### 【Functions】

SL-86 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

Address:#159 TanGangLu HaiAn JiangSu China  
Phone: 0513-88931553

Zip Code: 226600  
Fax: 0513-88931551

- 2、Output high voltage: **A:** 0.5-15KV  
**B:** 15-36KV
- 3、Display: digital display
- 4、High voltage control system: digital governer
- 5、DC supply: 12v
- 6、Consumption: <5w
- 7、Alarm delay: 1-2s
- 8、High voltage probe: high pressure generator (import)
- 9、Packing: ABS Engineering plastic 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.Fan-shaped brush      | x1 |
| 5.Charge                | x1 |
| 6.Long cable            | x1 |
| 7.Short connecting line | x1 |
| 8.Connecting magnet     | x1 |
| 9.earth stick           | x1 |
| 10.Rubber gloves        | x2 |
| 11.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