

## D1 Porosity Holiday Detector



### Details:

#### 【Function】

D1 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  
C: 0.03-10. mm
- 2、Output high voltage: A: 0.5-15KV  
B: 15-35KV  
C: 0.5-35KV
- 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)

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**【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