

U102-a intelligent surface point detector



Product description

Intelligent surface potential detector is a non-contact electrostatic field tester. The measurable range is $\pm 18\text{KV}$, which can be selected according to the distance.

Mainly used for online real-time monitoring of the static electricity of products in the process.

Such as liquid crystal module, display glass panel, PCBA manufacturing, semiconductor / optoelectronics and other ESDS electrostatic sensitive components in the production process of static electricity monitoring, effectively reflect the product during the production process of electrostatic protection level, through ESD intelligent management system Trace back static data in product production.

product features

- Support 2-channel electrostatic sensor input, dynamic display of voltage value LCD screen;
- The sensor is independently connected to the host to solve the detection of internal static charge in special environments;
- Wireless 2.4G network data transmission, data collection, storage and report analysis;
- The threshold value of the electrostatic field voltage can be set, and the indicator light and sound alarm are immediately exceeded if the standard is exceeded;
- The communication address of each channel can be adjusted manually
- With light alarm and sound prompt function;
- The detection distance can be selected by the dial switch;

- Detection of electrostatic field distance (10-500mm), high detection accuracy;
- Standard installation components, easy to use;
- This product supports multiple language displays.

Specification

Intelligent charge detector	U102-A
Power supply	Input: DC12V/2A
Startup time to be tested	5s
Working temperature and humidity environment	Temperature: -5~45oC; Humidity: 30-65%RH
Measuring range	+18000V
Alarm range	10-5000V
Measuring distance	10-500mm (Measuring distance is proportional to measuring area)
Measurement accuracy	±5%
Noise	<10dB
Volume (mm)	95(L)x58(W)x42(H)mm
Weight (kg)	≈250g